
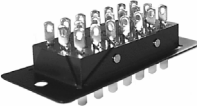


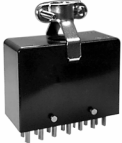






**Panel Mount Plugs and Sockets**

	<b>Angle Bracket, Angle Bracket Tapped, Without Angle Bracket</b>	
	38330, 38336 .....	<a href="#">p. 2-3</a>
	38540 .....	<a href="#">p. 16-17</a>
	<b>Shallow Bracket</b>	
	38330 .....	<a href="#">p. 4-5</a>
	38542 .....	<a href="#">p. 18-19</a>
	<b>Deep Bracket</b>	
	38330, 38336 .....	<a href="#">p. 6-7</a>
	38540 .....	<a href="#">p. 20-21</a>

**Cable Mount Plugs and Sockets**

	<b>Cable Clamp End</b>	
	38331, 38336 .....	<a href="#">p. 8-9</a>
	38541 .....	<a href="#">p. 22-23</a>
	<b>Cable Clamp Top, Cable Clamp Top with Keeper, Cable Clamp Top with Latch</b>	
	38330, 38331, 38336 .....	<a href="#">p. 10-11</a>
	38541 .....	<a href="#">p. 24-25</a>
	<b>Flared Hole End</b>	
	38330, 38336 .....	<a href="#">p. 12-13</a>
	38540 .....	<a href="#">p. 26-27</a>
	<b>Flared Hole Top</b>	
	38330, 38331, 38336 .....	<a href="#">p. 14-15</a>
	38540 .....	<a href="#">p. 28-29</a>



## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 150°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

### Reference Information

UL : File E34763  
CSA: File 22156

## Beau™ Power Connectors Panel Mount Plugs and Sockets

### 38330, 38336

### Angled Bracket (AB) Angle Bracket Tapped (ABT) Less Angle Bracket (LAB)



## SUGGESTED PANEL MOUNTING DIMENSIONS

## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles

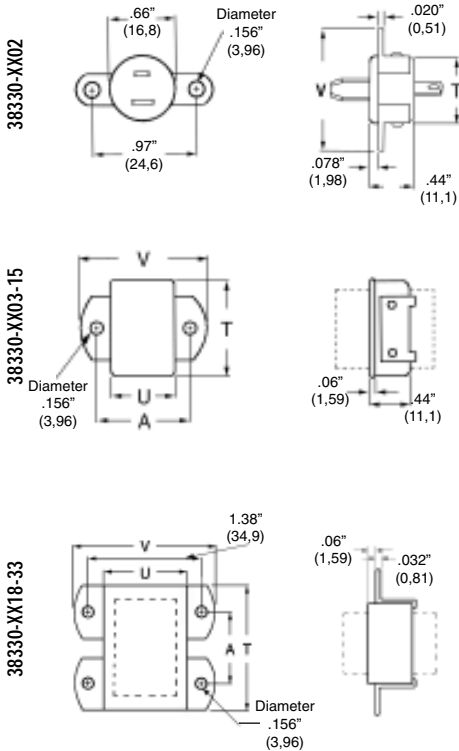


Fig. D

Fig. E

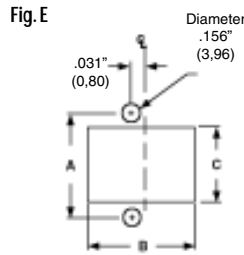
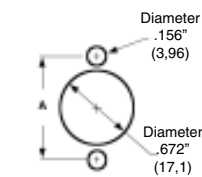
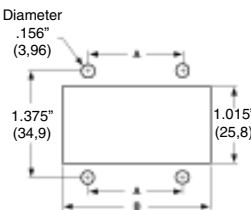
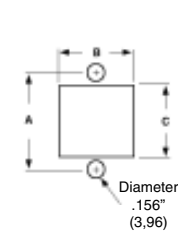
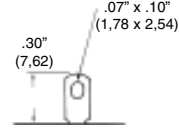


Fig. F

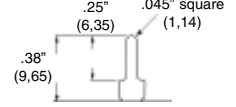
Fig. G



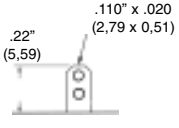
#### P Solder Eye (Standard)



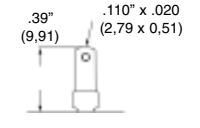
#### P<sub>1</sub> Printed Circuit and Wire Wrap, Short



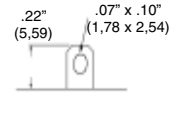
#### S<sub>1</sub> Quick Connect



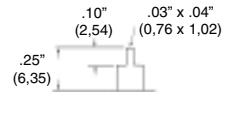
#### P<sub>1</sub> Quick Connect



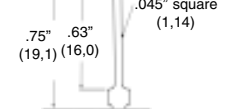
#### S Solder Eye (Standard)



#### S<sub>1</sub> Printed Circuit



#### P<sub>1</sub> Wire Wrap, Long



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/grounding contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333. \* Indicates location of pre-grounding contact. † Pregrounding contact is standard.



38330-XX02



38330-XX03



38330-XX04



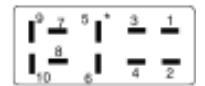
38330-XX06



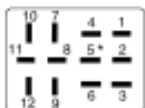
38336-8XXX



38330-XX08



38330-XX10



38330-XX12



38330-XX15 to 38330-XX21



38330-XX24 to 38330-XX30



38330-XX33

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Panel Mount Plugs and Sockets**

**38330, 38336**

Part#	T		U		V	
	in	mm	in	mm	in	mm
3302*	0.66	16,7	--	--	1.27	32,1
3303	1.00	25,4	.44	11,1	1.06	27,0
3304	0.75	19,1	.69	17,5	1.31	33,3
3306	1.00	25,4	.69	17,5	1.31	33,3
3306-8	1.00	25,4	.69	17,5	1.31	33,3
3308	1.25	31,8	.69	17,5	1.31	33,3
3310	1.56	39,7	.69	17,5	1.31	33,3
3312	1.25	31,8	.94	23,8	1.56	39,7
3315	1.63	41,3	1.00	25,4	1.69	42,9
3318	1.94	49,2	1.00	25,4	1.69	42,9
3321	2.25	57,2	1.00	25,4	1.69	42,9
3324	2.56	65,1	1.00	25,4	1.69	42,9
3327	2.88	73,0	1.00	25,4	1.69	42,9
3330	3.19	81,0	1.00	25,4	1.69	42,9
3333	3.50	88,9	1.00	25,4	1.69	42,9

Part #	Fig.#	A		B		C	
		in	mm	in	mm	in	mm
3302*	D	.969	24,6	--	--	--	--
3303	E	.750	19,1	1.016	25,8	.453	11,5
3304	F	1.000	25,4	.781	19,8	.719	18,3
3306	E	1.000	25,4	1.031	26,2	.719	18,3
3306-8	E	1.000	25,4	1.031	26,2	.719	18,3
3308	F	1.000	25,4	1.281	32,5	.719	18,3
3310	F	1.000	25,4	1.578	40,1	.719	18,3
3312	F	1.250	31,8	1.266	32,2	.953	24,2
3315	F	1.375	34,9	1.640	41,7	1.016	25,8
3318	G	1.250	31,8	1.953	49,6	--	--
3321	G	.938	23,8	2.265	57,5	--	--
3324	G	1.250	31,8	2.578	65,5	--	--
3327	G	1.562	39,7	2.890	73,4	--	--
3330	G	1.875	47,6	3.203	81,4	--	--
3333	G	2.188	55,6	3.515	89,3	--	--

**PLUGS**

Angle Bracket (-AB)		Angle Bracket Tapped (-ABT)		Less Angle Bracket (-LAB)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38330-0102	P-3302-AB	38330-1502	P-3302-ABT	38330-2202	P-3302-LAB
38330-0103	P-3303-AB	38330-1503	P-3303-ABT	38330-2203	P-3303-LAB
38330-0104	P-3304-AB	38330-1504	P-3304-ABT	38330-2204	P-3304-LAB
38330-0106	P-3306-AB	38330-1506	P-3306-ABT	38330-2206	P-3306-LAB
38336-8001	P-3306-8-AB	38336-8015	P-3306-8-ABT	38336-8022	P-3306-8-LAB
38330-0108	P-3308-AB	38330-1508	P-3308-ABT	38330-2208	P-3308-LAB
38330-0110	P-3310-AB	38330-1510	P-3310-ABT	38330-2210	P-3310-LAB
38330-0112	P-3312-AB	38330-1512	P-3312-ABT	38330-2212	P-3312-LAB
38330-0115	P-3315-AB	38330-1515	P-3315-ABT	38330-2215	P-3315-LAB
38330-0118	P-3318-AB	38330-1518	P-3318-ABT	38330-2218	P-3318-LAB
38330-0121	P-3321-AB	38330-1521	P-3321-ABT	38330-2221	P-3321-LAB
38330-0124	P-3324-AB	38330-1524	P-3324-ABT	38330-2224	P-3324-LAB
38330-0127	P-3327-AB	38330-1527	P-3327-ABT	38330-2227	P-3327-LAB
38330-0130	P-3330-AB	38330-1530	P-3330-ABT	38330-2230	P-3330-LAB
38330-0133	P-3333-AB	38330-1533	P-3333-ABT	38330-2233	P-3333-LAB

**SOCKETS**

Angle Bracket (-AB)		Angle Bracket Tapped (-ABT)		Less Angle Bracket (-LAB)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38330-0502	S-3302-AB	38330-1902	S-3302-ABT	38330-2602	S-3302-LAB
38330-0503	S-3303-AB	38330-1903	S-3303-ABT	38330-2603	S-3303-LAB
38330-0504	S-3304-AB	38330-1904	S-3304-ABT	38330-2604	S-3304-LAB
38330-0506	S-3306-AB	38330-1906	S-3306-ABT	38330-2606	S-3306-LAB
38336-8005	S-3306-8-AB	38336-8019	S-3306-8-ABT	38336-8026	S-3306-8-LAB
38330-0508	S-3308-AB	38330-1908	S-3308-ABT	38330-2608	S-3308-LAB
38330-0510	S-3310-AB	38330-1910	S-3310-ABT	38330-2610	S-3310-LAB
38330-0512	S-3312-AB	38330-1912	S-3312-ABT	38330-2612	S-3312-LAB
38330-0515	S-3315-AB	38330-1915	S-3315-ABT	38330-2615	S-3315-LAB
38330-0518	S-3318-AB	38330-1918	S-3318-ABT	38330-2618	S-3318-LAB
38330-0521	S-3321-AB	38330-1921	S-3321-ABT	38330-2621	S-3321-LAB
38330-0524	S-3324-AB	38330-1924	S-3324-ABT	38330-2624	S-3324-LAB
38330-0527	S-3327-AB	38330-1927	S-3327-ABT	38330-2627	S-3327-LAB
38330-0530	S-3330-AB	38330-1930	S-3330-ABT	38330-2630	S-3330-LAB
38330-0533	S-3333-AB	38330-1933	S-3333-ABT	38330-2633	S-3333-LAB



# Beau™ Power Connectors Panel Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 15 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Reference Information

UL: File E34763

CSA: File 22156

### Electrical

Voltage: 250V

Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 150°C

### Physical

Base Insulator: High-grade phenolic, black

Plug Contact: Brass

Plug Contact Plating: Tin

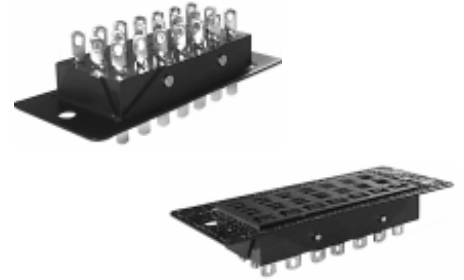
Socket Contact: Phosphor bronze

Socket Contact Plating: Tin

Pre-grounding Contact: Heavy-duty plated brass

## 38330

### Shallow Bracket (SB)

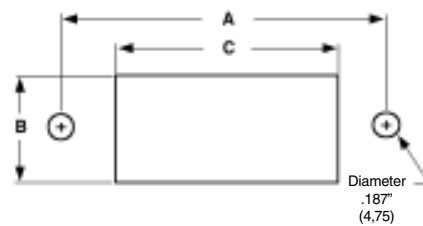
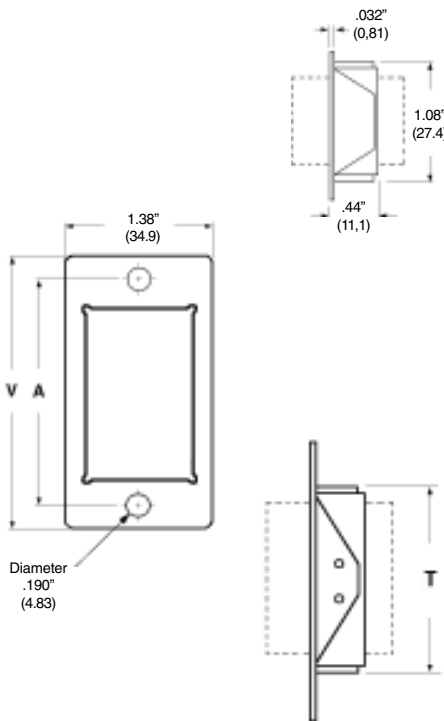


## SUGGESTED PANEL MOUNTING DIMENSIONS

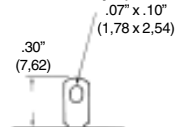
## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles

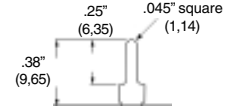
Fig.K



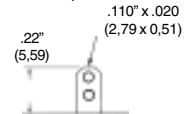
#### P Solder Eye (Standard)



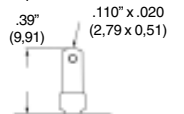
#### P<sub>2</sub> Printed Circuit and Wire Wrap, Short



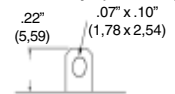
#### S<sub>1</sub> Quick Connect



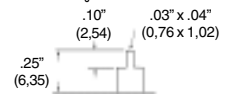
#### P<sub>1</sub> Quick Connect



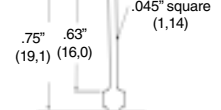
#### S Solder Eye (Standard)



#### S<sub>6</sub> Printed Circuit



#### P<sub>4</sub> Wire Wrap, Long

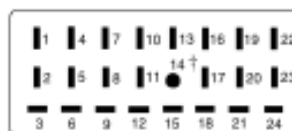


### Contact Orientation

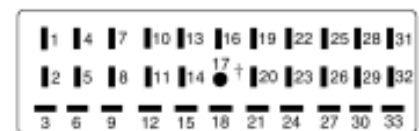
The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.



38330-XX15 to 38330-XX21



38330-XX24 to 38330-XX30



38330-XX33

• Indicates location of pre-grounding contact. † Pre-grounding contact is standard

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Panel Mount Plugs and Sockets**

**38330**

Part#	T		V	
	in	mm	in	mm
3315	1.69	42.9	2.55	58.7
3318	2.00	50.8	2.86	66.7
3321	2.31	58.7	3.17	74.6
3324	2.63	66.7	3.48	82.6
3327	2.94	74.6	3.80	90.5
3330	3.25	82.6	4.11	98.4
3333	3.56	90.5	4.42	106

Part #	Fig. #	A		B		C	
		in	mm	in	mm	in	mm
3315	K	2.125	54,0	1.156	29,4	1.750	44,5
3318	K	2.437	61,9	1.156	29,4	2.062	52,4
3321	K	2.750	69,9	1.156	29,4	2.375	60,3
3324	K	3.062	77,8	1.156	29,4	2.687	68,2
3327	K	3.375	85,7	1.156	29,4	3.000	76,2
3330	K	3.687	93,6	1.156	29,4	3.312	84,1
3333	K	4.000	102	1.156	29,4	3.625	92,1

PLUGS		SOCKETS	
Shallow Bracket (-SB)		Shallow Bracket (-SB)	
Order #	Engineering #	Order #	Engineering #
38330-6415	P-3315-SB	38330-6815	S-3315-SB
38330-6418	P-3318-SB	38330-6818	S-3318-SB
38330-6421	P-3321-SB	38330-6821	S-3321-SB
38330-6424	P-3324-SB	38330-6824	S-3324-SB
38330-6427	P-3327-SB	38330-6827	S-3327-SB
38330-6430	P-3330-SB	38330-6830	S-3330-SB
38330-6433	P-3333-SB	38330-6833	S-3333-SB



# Beau™ Power Connectors Panel Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Reference Information

UL : File E34763  
CSA : File 22156

### Electrical

Voltage: 250V  
Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 150°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

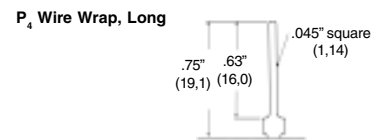
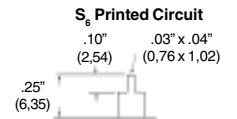
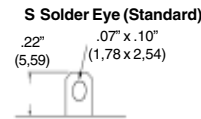
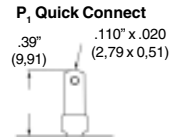
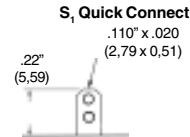
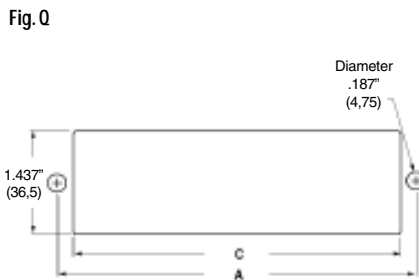
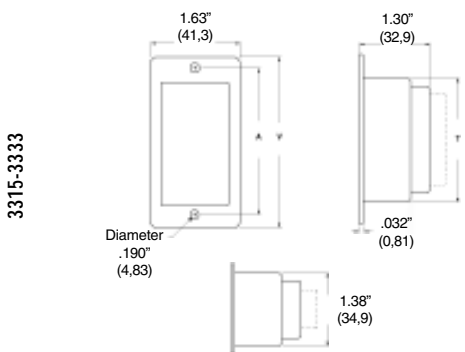
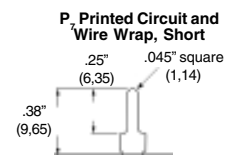
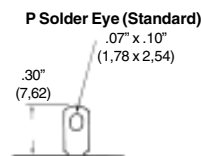
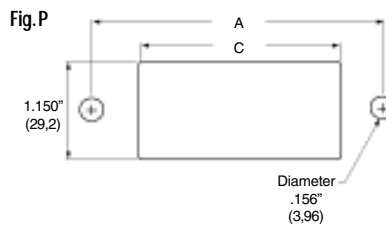
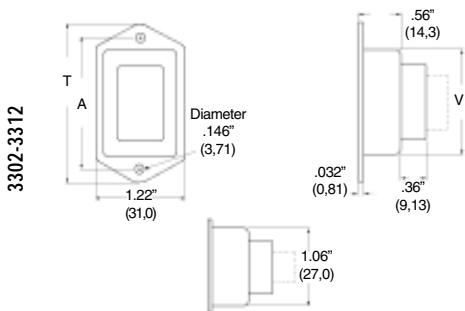
**38330, 38336**  
**Deep Bracket**



## SUGGESTED PANEL MOUNTING DIMENSIONS

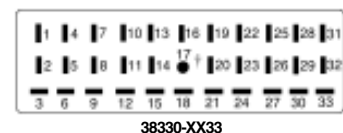
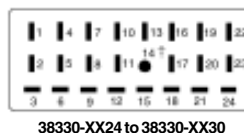
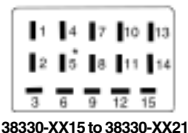
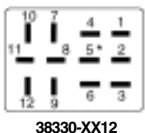
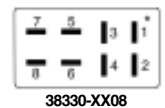
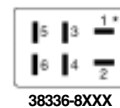
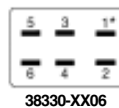
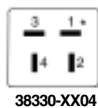
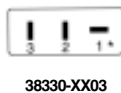
## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.



\* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Panel Mount Plugs and Sockets**

**38330, 38336**

Part#	T		V	
	in	mm	in	mm
3302*	1.38	34.9	2.11	53.6
3303	1.38	34.9	2.11	53.6
3304	1.38	34.9	2.11	53.6
3306	1.38	34.9	2.11	53.6
3306-8	1.38	34.9	2.11	53.6
3308	1.38	34.9	2.11	53.6
3312	1.38	34.9	2.11	53.6
3315	2.00	50.8	2.81	71.4
3318	2.31	58.7	3.13	79.4
3321	2.63	66.7	3.44	87.3
3324	2.94	74.6	3.75	95.3
3327	3.25	82.6	4.06	103
3330	3.56	90.5	4.38	111
3333	3.88	98.4	4.69	119

Part #	Fig. #	A		C	
		in	mm	in	mm
3302*	P	1.750	44.5	1.500	38.1
3303	P	1.750	44.5	1.500	38.1
3304	P	1.750	44.5	1.500	38.1
3306	P	1.750	44.5	1.500	38.1
3306-8	P	1.750	44.5	1.500	38.1
3308	P	1.750	44.5	1.500	38.1
3312	P	1.750	44.5	1.500	38.1
3315	Q	2.375	60.3	2.000	50.8
3318	Q	2.687	68.2	2.312	58.7
3321	Q	3.000	76.2	2.625	66.7
3324	Q	3.312	84.1	2.937	74.6
3327	Q	3.625	92.1	3.250	82.6
3330	Q	3.937	100	3.562	90.5
3333	Q	4.250	108	3.875	98.4

PLUGS		SOCKETS	
Deep Bracket (-DB)		Deep Bracket (-DB)	
Order #	Engineering #	Order #	Engineering #
38330-5702	P-3302-DB	38330-6102	S-3302-DB
38330-5703	P-3303-DB	38330-6103	S-3303-DB
38330-5704	P-3304-DB	38330-6104	S-3304-DB
38330-5706	P-3306-DB	38330-6106	S-3306-DB
38336-8057	P-3306-8-DB	38336-8061	S-3306-8-DB
38330-5708	P-3308-DB	38330-6108	S-3308-DB
38330-5712	P-3312-DB	38330-6112	S-3312-DB
38330-5715	P-3315-DB	38330-6115	S-3315-DB
38330-5718	P-3318-DB	38330-6118	S-3318-DB
38330-5721	P-3321-DB	38330-6121	S-3321-DB
38330-5724	P-3324-DB	38330-6124	S-3324-DB
38330-5727	P-3327-DB	38330-6127	S-3327-DB
38330-5730	P-3330-DB	38330-6130	S-3330-DB
38330-5733	P-3333-DB	38330-6133	S-3333-DB



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 3 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.
- Strain relief cable clamps, used with round or flat cable

### Electrical

Voltage: 250V  
Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin

## 38331, 38336 Cable Clamp End (CCE)

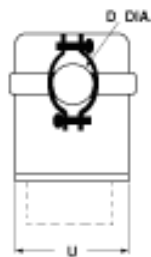
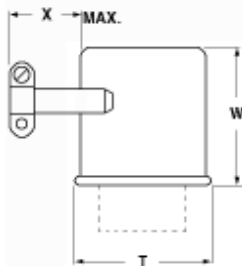
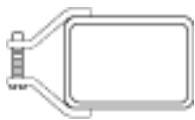


### Reference Information

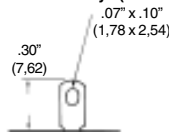
UL: File E34763 CSA: File 22156

## CONTACT TAILS

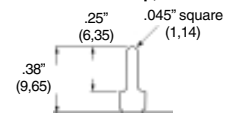
Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



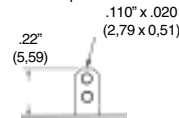
#### P Solder Eye (Standard)



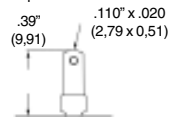
#### P<sub>1</sub> Printed Circuit and Wire Wrap, Short



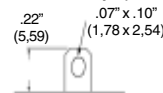
#### S, Quick Connect



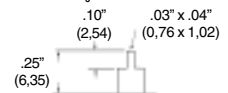
#### P<sub>1</sub> Quick Connect



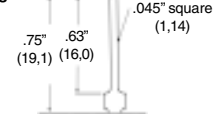
#### S Solder Eye (Standard)



#### S<sub>2</sub> Printed Circuit



#### P<sub>1</sub> Wire Wrap, Long



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.



38330-XX03



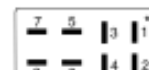
38330-XX04



38330-XX06



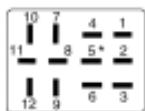
38336-8XXX



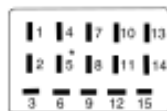
38330-XX08



38330-XX10



38330-XX12



38330-XX15 to 38330-XX21



38330-XX24 to 38330-XX30



38330-XX33

\* Indicates location of pre-grounding contact. † Pre-grounding contact is standard



# ORDERING INFORMATION AND DIMENSIONS



## Beau™ Power Connectors Cable Mount Plugs and Sockets

**38330, 38336**

Part#	D		T		U		W		X	
	in	mm	in	mm	in	mm	in	mm	in	mm
3303	.31	7.9	1.00	25.4	.44	11.1	.97	24.6	.50	12.7
3304	.38	9.5	.75	25.4	.69	17.5	.97	24.6	.50	12.7
3306	.44	11.1	1.00	25.4	.69	17.5	1.06	27.0	.50	12.7
3306-8	.44	11.1	1.00	25.4	.69	17.5	1.06	27.0	.50	12.7
3308	.50	12.7	1.25	31.8	.69	17.5	1.06	27.0	.50	12.7
3310	.50	12.7	1.56	39.7	.69	17.5	1.19	30.2	.50	12.7
3312	.56	14.3	1.25	31.8	.94	23.8	1.19	30.2	.50	12.7
3315	.56	14.3	1.78	45.2	1.16	29.4	1.75	44.5	.75	19.1
3318	.56	14.3	2.08	52.8	1.16	29.4	1.75	44.5	.75	19.1
3321	.63	15.9	2.34	59.5	1.16	29.4	1.75	44.5	.75	19.1
3324	.63	15.9	2.78	70.6	1.16	29.4	1.75	44.5	.75	19.1
3327	.63	15.9	3.00	76.2	1.16	29.4	1.75	44.5	.75	19.1
3330	.75	19.0	3.34	84.9	1.16	29.4	1.75	44.5	.75	19.1
3333	.75	19.0	3.66	92.9	1.16	29.4	1.75	44.5	.75	19.1

For Connector size	Clamp opening dia., in. (mm)		Clamp Number
	min	max	
Standard Clamps Sizes			
3833X-XX02	.13" (3,3)	.38" (9,7)	-
3833X-XX03	.13" (3,3)	.38" (9,7)	-
3833X-XX04 thru 3833X-XX12	.22" (5,6)	.50" (12,7)	-
3833X-XX15 thru 3833X-XX18	.38" (9,7)	.72" (18,3)	-
3833X-XX21 thru 3833X-XX33	.38" (9,7)	.84" (21,3)	-
Clamp Options			
3833X-XX15 thru 3833X-XX33	.45" (11,4)	.91" (23,1)	78
3833X-XX15 thru 3833X-XX33 for Mating with Deep Bracket (DB)	.38" (9,7)	.72" (18,3)	47

PLUGS		SOCKETS	
Cable Clamp End (CCE)		Cable Clamp End (CCE)	
Order #	Engineering #	Order #	Engineering #
38331-1403	P-3303-CCE	38331-3803	S-3303-CCE
38331-1404	P-3304-CCE	38331-3804	S-3304-CCE
38331-1406	P-3306-CCE	38331-3806	S-3306-CCE
38336-8114	P-3306-8-CCE	38336-8138	S-3306-8-CCE
38331-1408	P-3308-CCE	38331-3808	S-3308-CCE
38331-1410	P-3310-CCE	38331-3810	S-3310-CCE
38331-1412	P-3312-CCE	38331-3812	S-3312-CCE
38331-1415	P-3315-CCE	38331-3815	S-3315-CCE
38331-1418	P-3318-CCE	38331-3818	S-3318-CCE
38331-1421	P-3321-CCE	38331-3821	S-3321-CCE
38331-1424	P-3324-CCE	38331-3824	S-3324-CCE
38331-1427	P-3327-CCE	38331-3827	S-3327-CCE
38331-1430	P-3330-CCE	38331-3830	S-3330-CCE
38331-1433	P-3333-CCE	38331-3833	S-3333-CCE



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

**38330, 38331, 38336**

**Cable Clamp Top (CCT)  
Cable Clamp Top w/ Keeper (CCT-K)  
Cable Clamp Top w/ Latch (CCT-L)**



### Reference Information

UL: File E34763

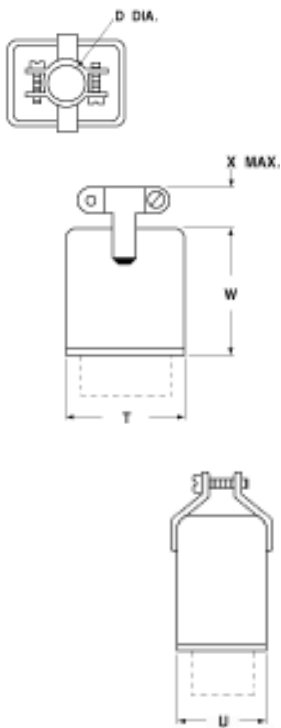
CSA: File 22156

## OPTIONS

## CONTACT TAILS

For connecting two cable-mounted connectors, plug and socket can be equipped with either a latch (-L) or keeper (-K)

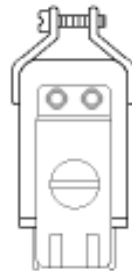
Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



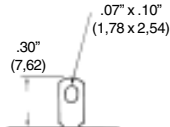
### Keeper (-K)



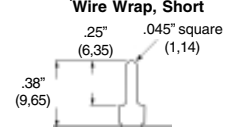
### Latch (-L)



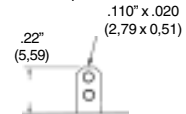
### P Solder Eye (Standard)



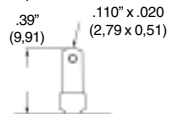
### P<sub>2</sub> Printed Circuit and Wire Wrap, Short



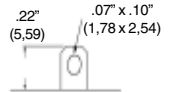
### S<sub>1</sub> Quick Connect



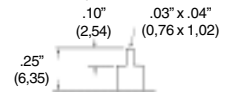
### P<sub>1</sub> Quick Connect



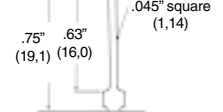
### S Solder Eye (Standard)



### S<sub>6</sub> Printed Circuit



### P<sub>4</sub> Wire Wrap, Long



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.



38330-XX02



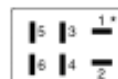
38330-XX03



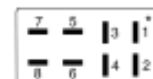
38330-XX04



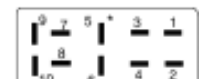
38330-XX06



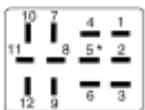
38336-8XXX



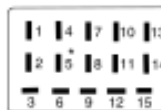
38330-XX08



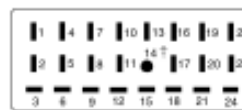
38330-XX10



38330-XX12



38330-XX15 to 38330-XX21



38330-XX24 to 38330-XX30



38330-XX33

\* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Cable Mount Plugs and Sockets**

**38330, 38336, 38336**

Part#	D		T		U		W		X	
	in	mm	in	mm	in	mm	in	mm	in	mm
3302	.38	9.5	.66	16.7	—	—	.97	24.6	.50	12.7
3303	.31	7.9	1.00	25.4	.44	11.1	.97	24.6	.50	12.7
3304	.38	9.5	.75	25.4	.69	17.5	.97	24.6	.50	12.7
3306	.44	11.1	1.00	25.4	.69	17.5	1.06	27.0	.50	12.7
3306-8	.44	11.1	1.00	25.4	.69	17.5	1.06	27.0	.50	12.7
3308	.50	12.7	1.25	31.8	.69	17.5	1.06	27.0	.50	12.7
3310	.50	12.7	1.56	39.7	.69	17.5	1.19	30.2	.50	12.7
3312	.56	14.3	1.25	31.8	.94	23.8	1.19	30.2	.50	12.7
3315	.56	14.3	1.78	45.2	1.16	29.4	1.75	44.5	.75	19.1
3318	.56	14.3	2.08	52.8	1.16	29.4	1.75	44.5	.75	19.1
3321	.63	15.9	2.34	59.5	1.16	29.4	1.75	44.5	.75	19.1
3324	.63	15.9	2.78	70.6	1.16	29.4	1.75	44.5	.75	19.1
3327	.63	15.9	3.00	76.2	1.16	29.4	1.75	44.5	.75	19.1
3330	.75	19.0	3.34	84.9	1.16	29.4	1.75	44.5	.75	19.1
3333	.75	19.0	3.66	92.9	1.16	29.4	1.75	44.5	.75	19.1

For Connector size	Clamp opening dia., in. (mm)		Clamp Number
	min	max	
Standard Clamps Sizes			
3833X-XX02	.13" (3,3)	.38" (9,7)	-
3833X-XX03	.13" (3,3)	.38" (9,7)	-
3833X-XX04 thru 3833X-XX12	.22" (5,6)	.50" (12,7)	-
3833X-XX15 thru 3833X-XX18	.38" (9,7)	.72" (18,3)	-
3833X-XX21 thru 3833X-XX33	.38" (9,7)	.84" (21,3)	-
Clamp Option			
3833X-XX15 thru 3833X-XX33	.45" (11,4)	.91" (23,1)	78

**PLUGS**

Cable Clamp Top (-CCT)		Cable Clamp Top w/Keeper (-CCT-K)		Cable Clamp Top w/Latch (-CCT-L)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38331-5602	P-3302-CCT	38331-6002	P-3302-CCT-K	38331-5802	P-3302-CCT-L
38331-5603	P-3303-CCT	38331-6003	P-3303-CCT-K	38331-5803	P-3303-CCT-L
38331-5604	P-3304-CCT	38331-6004	P-3304-CCT-K	38331-5804	P-3304-CCT-L
38331-5606	P-3306-CCT	38331-6006	P-3306-CCT-K	38331-5806	P-3306-CCT-L
38336-8156	P-3306-8-CCT	38336-8160	P-3306-8-CCT-K	38336-8158	P-3306-8-CCT-L
38331-5608	P-3308-CCT	38331-6008	P-3308-CCT-K	38331-5808	P-3308-CCT-L
38331-5610	P-3310-CCT	38331-6010	P-3310-CCT-K	38331-5810	P-3310-CCT-L
38331-5612	P-3312-CCT	38331-6012	P-3312-CCT-K	38331-5812	P-3312-CCT-L
38331-5615	P-3315-CCT	38331-6015	P-3315-CCT-K	38331-5815	P-3315-CCT-L
38331-5618	P-3318-CCT	38331-6018	P-3318-CCT-K	38331-5818	P-3318-CCT-L
38331-5621	P-3321-CCT	38331-6021	P-3321-CCT-K	38331-5821	P-3321-CCT-L
38331-5624	P-3324-CCT	38331-6024	P-3324-CCT-K	38331-5824	P-3324-CCT-L
38331-5627	P-3327-CCT	38331-6027	P-3327-CCT-K	38331-5827	P-3327-CCT-L
38331-5630	P-3330-CCT	38331-6030	P-3330-CCT-K	38331-5830	P-3330-CCT-L
38331-5633	P-3333-CCT	38331-6033	P-3333-CCT-K	38331-5833	P-3333-CCT-L

**SOCKETS**

Cable Clamp Top (-CCT)		Cable Clamp Top w/Keeper (-CCT-K)		Cable Clamp Top w/Latch (-CCT-L)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38331-8002	S-3302-CCT	38331-8402	S-3302-CCT-K	38331-8202	S-3302-CCT-L
38331-8003	S-3303-CCT	38331-8403	S-3303-CCT-K	38331-8203	S-3303-CCT-L
38331-8004	S-3304-CCT	38331-8404	S-3304-CCT-K	38331-8204	S-3304-CCT-L
38331-8006	S-3306-CCT	38331-8406	S-3306-CCT-K	38331-8206	S-3306-CCT-L
38336-8180	S-3306-8-CCT	38336-8184	S-3306-8-CCT-K	38336-8182	S-3306-8-CCT-L
38331-8008	S-3308-CCT	38331-8408	S-3308-CCT-K	38331-8208	S-3308-CCT-L
38331-8010	S-3310-CCT	38331-8410	S-3310-CCT-K	38331-8210	S-3310-CCT-L
38331-8012	S-3312-CCT	38331-8412	S-3312-CCT-K	38331-8212	S-3312-CCT-L
38331-8015	S-3315-CCT	38331-8415	S-3315-CCT-K	38331-8215	S-3315-CCT-L
38331-8018	S-3318-CCT	38331-8418	S-3318-CCT-K	38331-8218	S-3318-CCT-L
38331-8021	S-3321-CCT	38331-8421	S-3321-CCT-K	38331-8221	S-3321-CCT-L
38331-8024	S-3324-CCT	38331-8424	S-3324-CCT-K	38331-8224	S-3324-CCT-L
38331-8027	S-3327-CCT	38331-8427	S-3327-CCT-K	38331-8227	S-3327-CCT-L
38331-8030	S-3330-CCT	38331-8430	S-3330-CCT-K	38331-8230	S-3330-CCT-L
38331-8033	S-3333-CCT	38331-8433	S-3333-CCT-K	38331-8233	S-3333-CCT-L



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 3 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

**38330, 38336**

**Flared Hole End (FHE)**

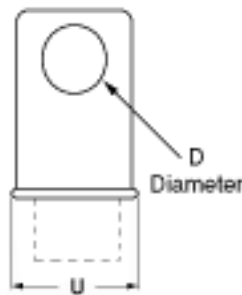
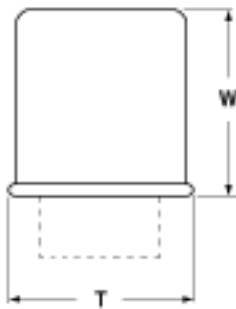


### Reference Information

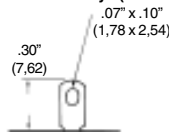
UL: File E34763  
CSA: File 22156

## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



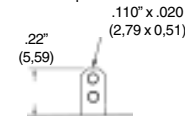
#### P Solder Eye (Standard)



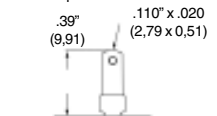
#### P<sub>1</sub> Printed Circuit and Wire Wrap, Short



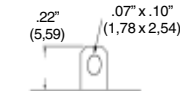
#### S<sub>1</sub> Quick Connect



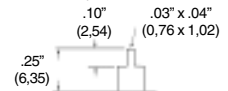
#### P<sub>1</sub> Quick Connect



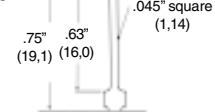
#### S Solder Eye (Standard)



#### S<sub>2</sub> Printed Circuit



#### P<sub>1</sub> Wire Wrap, Long



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.



38330-XX03



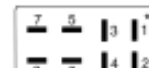
38330-XX04



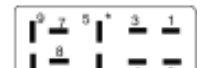
38330-XX06



38336-8XX0



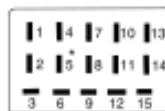
38330-XX08



38330-XX10



38330-XX12



38330-XX15 to 38330-XX21



38330-XX24 to 38330-XX30



38330-XX33

\* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Cable Mount Plugs and Sockets**

**38330, 38336**

Part#	D		T		U		W		X	
	in	mm	in	mm	in	mm	in	mm	in	mm
3303	.31	7.9	1.00	25.4	.44	11.1	.97	24,6	.50	12.7
3304	.38	9.5	.75	25.4	.69	17.5	.97	24,6	.50	12.7
3306	.44	11.1	1.00	25.4	.69	17.5	1.06	27,0	.50	12.7-
3306-8	.44	11.1	1.00	25.4	.69	17.5	1.06	27,0	.50	12.7
3308	.50	12.7	1.25	31.8	.69	17.5	1.06	27,0	.50	12.7
3310	.50	12.7	1.56	39.7	.69	17.5	1.19	30,2	.50	12.7
3312	.56	14.3	1.25	31.8	.94	23.8	1.19	30,2	.50	12.7
3315	.56	14.3	1.78	45.2	1.16	29.4	1.75	44,5	.75	19.1
3318	.56	14.3	2.08	52.8	1.16	29.4	1.75	44,5	.75	19.1
3321	.63	15.9	2.34	59.5	1.16	29.4	1.75	44,5	.75	19.1
3324	.63	15.9	2.78	70.6	1.16	29.4	1.75	44,5	.75	19.1
3327	.63	15.9	3.00	76.2	1.16	29.4	1.75	44,5	.75	19.1
3330	.75	19.0	3.34	84.9	1.16	29.4	1.75	44,5	.75	19.1
3333	.75	19.0	3.66	92.9	1.16	29.4	1.75	44,5	.75	19.1

PLUGS		SOCKETS	
Flared Hole End (FHE)		Flared End Hole (FHE)	
Order #	Engineering #	Order #	Engineering #
38330-8503	P-3303-FHE	38330-9303	S-3303-FHE
38330-8504	P-3304-FHE	38330-9304	S-3304-FHE
38330-8506	P-3306-FHE	38330-9306	S-3306-FHE
38336-8085	P-3306-8-FHE	38336-8093	S-3306-8-FHE
38330-8508	P-3308-FHE	38330-9308	S-3308-FHE
38330-8510	P-3310-FHE	38330-9310	S-3310-FHE
38330-8512	P-3312-FHE	38330-9312	S-3312-FHE
38330-8515	P-3315-FHE	38330-9315	S-3315-FHE
38330-8518	P-3318-FHE	38330-9318	S-3318-FHE
38330-8521	P-3321-FHE	38330-9321	S-3321-FHE
38330-8524	P-3324-FHE	38330-9324	S-3324-FHE
38330-8527	P-3327-FHE	38330-9327	S-3327-FHE
38330-8530	P-3330-FHE	38330-9330	S-3330-FHE
38330-8533	P-3333-FHE	38330-9333	S-3333-FHE



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 10 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

**38330, 38331, 38336**  
**Flared Hole Top (FHT)**

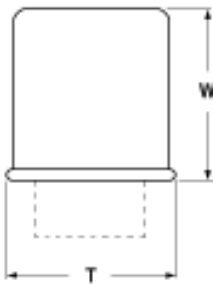
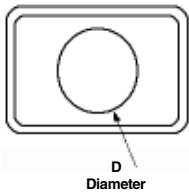


### Reference Information

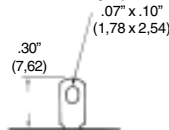
UL: File E34763  
CSA: File 22156

## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



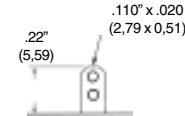
#### P Solder Eye (Standard)



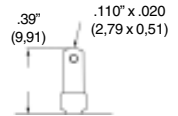
#### P<sub>1</sub> Printed Circuit and Wire Wrap, Short



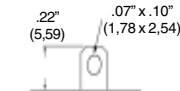
#### S<sub>1</sub> Quick Connect



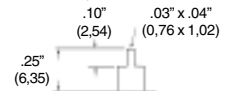
#### P<sub>1</sub> Quick Connect



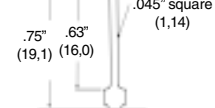
#### S Solder Eye (Standard)



#### S<sub>2</sub> Printed Circuit



#### P<sub>1</sub> Wire Wrap, Long



### Contact Orientation

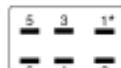
The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.



38330-XX03



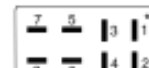
38330-XX04



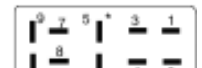
38330-XX06



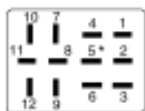
38336-8XX0



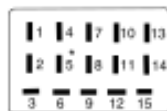
38330-XX08



38330-XX10



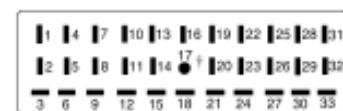
38330-XX12



38330-XX15 to 38330-XX21



38330-XX24 to 38330-XX30



38330-XX33

\* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Cable Mount Plugs and Sockets**

**38330, 38331, 38336**

Part#	D		T		U		W	
	in	mm	in	mm	in	mm	in	mm
3302*	.38	9.5	.66	16.7	–	–	.97	24.6
3303	.31	7.9	1.00	25.4	.44	11.1	.97	24.6
3304	.38	9.5	.75	25.4	.69	17.5	.97	24.6
3306	.44	11.1	1.00	25.4	.69	17.5	1.06	27.0
3306-8	.44	11.1	1.00	25.4	.69	17.5	1.06	27.0
3308	.50	12.7	1.25	31.8	.69	17.5	1.06	27.0
3310	.50	12.7	1.56	39.7	.69	17.5	1.19	30.2
3312	.56	14.3	1.25	31.8	.94	23.8	1.19	30.2
3315	.56	14.3	1.78	45.2	1.16	29.4	1.75	44.5
3318	.56	14.3	2.08	52.8	1.16	29.4	1.75	44.5
3321	.63	15.9	2.34	59.5	1.16	29.4	1.75	44.5
3324	.63	15.9	2.78	70.6	1.16	29.4	1.75	44.5
3327	.63	15.9	3.00	76.2	1.16	29.4	1.75	44.5
3330	.75	19.0	3.34	84.9	1.16	29.4	1.75	44.5
3333	.75	19.0	3.66	92.9	1.16	29.4	1.75	44.5

PLUGS		SOCKETS	
Flared Hole Top (FHT)		Flared Hole Top (FHT)	
Order #	Engineering #	Order #	Engineering #
38330-9902	P-3302-FHT	38331-0802	S-3302-FHT
38330-9903	P-3303-FHT	38331-0803	S-3303-FHT
38330-9904	P-3304-FH	38331-0804	S-3304-FHT
38330-9906	P-3306-FHT	38331-0806	S-3306-FHT
38336-8099	P-3306-8-FHT	38336-8108	S-3306-8-FHT
38330-9908	P-3308-FHT	38331-0808	S-3308-FHT
38330-9910	P-3310-FHT	38331-0810	S-3310-FHT
38330-9912	P-3312-FHT	38331-0812	S-3312-FHT
38330-9915	P-3315-FHT	38331-0815	S-3315-FHT
38330-9918	P-3318-FHT	38331-0818	S-3318-FHT
38330-9921	P-3321-FHT	38331-0821	S-3321-FHT
38330-9924	P-3324-FHT	38331-0824	S-3324-FHT
38330-9927	P-3327-FHT	38331-0827	S-3327-FHT
38330-9930	P-3330-FHT	38331-0830	S-3330-FHT
38330-9933	P-3333-FHT	38331-0833	S-3333-FHT



# Beau™ Power Connectors Panel Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

### Mechanical

Operating Temperature: 150°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

**38540**

**Angle Bracket (AB)  
Angle Bracket Tapped (ABT)  
Less Angle Bracket (LAB)**

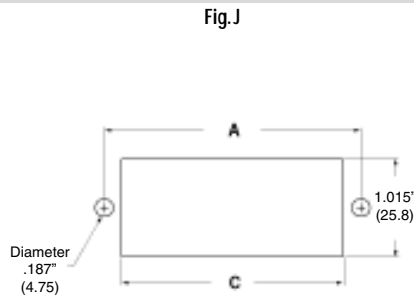
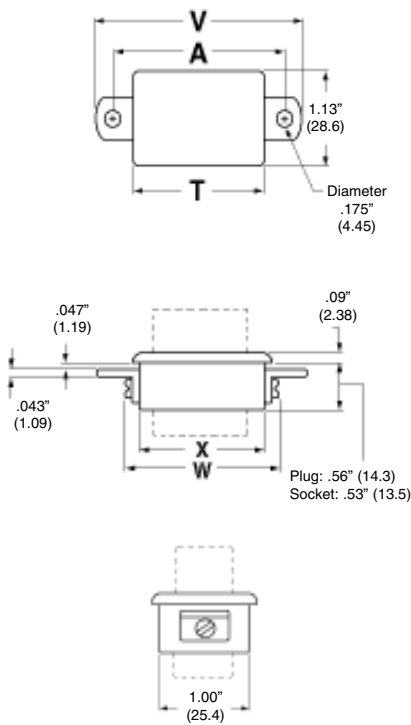


### Reference Information

UL : File E34763  
CSA: File 22156

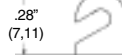
## SUGGESTED PANEL MOUNTING DIMENSIONS

## CONTACT TAILS

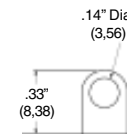


Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles

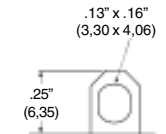
**P Solder Hook (Standard)**



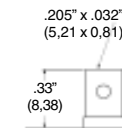
**P<sub>3</sub> Solder Eye, large**



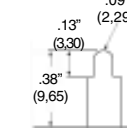
**S<sub>3</sub> Solder Eye, large**



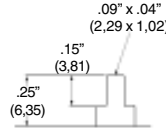
**P<sub>1</sub> Quick Connect**



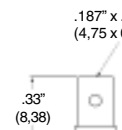
**P<sub>6</sub> Printed Circuit**



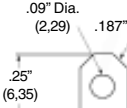
**S<sub>6</sub> Printed Circuit**



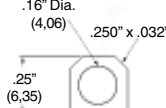
**P<sub>2</sub> Quick Connect**



**S<sub>1</sub> Solder Eye & Quick Connect (Standard)**



**S<sub>5</sub> Solder Eye, extra large & quick connect**



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

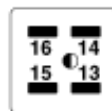
○ Polarizing position

◐ Combination pre-grounding/polarizing position

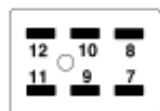
● Polarizing position - Current carrying contacts



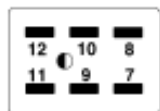
38540-XX04



38540-XX05



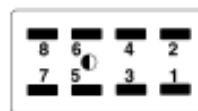
38540-XX06



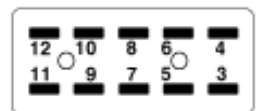
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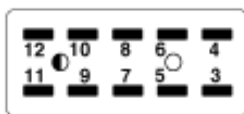
38540-XX08



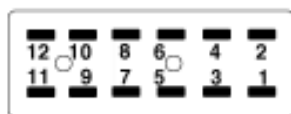
38540-XX09



38540-XX10



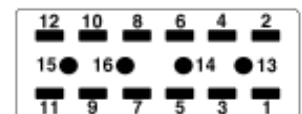
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16



**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Panel Mount Plugs and Sockets**

**38540**

Part#	T		V		W		X	
	in	mm	in	mm	in	mm	in	mm
5404/05	1.13	28.6	2.02	51.2	1.23	31.4	1.00	25.4
5406/07	1.56	39.7	2.45	62.3	1.67	42.5	1.44	36.5
5408/09	2.00	50.8	2.89	73.4	2.11	53.6	1.88	47.6
5410/11	2.44	61.9	3.33	84.5	2.55	64.7	2.31	58.7
5412/13	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9
5414	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9
5415	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9
5416	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9

Part #	Fig.#	A		C	
		in	mm	in	mm
5404/05	J	1.594	40.5	1.015	25.8
5406/07	J	2.031	51.6	1.453	36.9
5408/09	J	2.468	62.7	1.891	48.0
5410/11	J	2.906	73.8	2.328	59.1
5412/13	J	3.344	84.9	2.766	70.3
5414	J	3.344	84.9	2.766	70.3
5415	J	3.344	84.9	2.766	70.3
5416	J	3.344	84.9	2.766	70.3

<b>PLUGS</b>					
<b>Angle Bracket (-AB)</b>		<b>Angle Bracket Tapped (-ABT)</b>		<b>Less Angle Bracket (-LAB)</b>	
<b>Order #</b>	<b>Engineering #</b>	<b>Order #</b>	<b>Engineering #</b>	<b>Order #</b>	<b>Engineering #</b>
38540-0104	P-5404-AB	38540-1004	P-5404-ABT	38540-1904	P-5404-LAB
38540-0105	P-5405-AB	38540-1005	P-5405-ABT	38540-1905	P-5405-LAB
38540-0106	P-5406-AB	38540-1006	P-5406-ABT	38540-1906	P-5406-LAB
38540-0107	P-5407-AB	38540-1007	P-5407-ABT	38540-1907	P-5407-LAB
38540-0108	P-5408-AB	38540-1008	P-5408-ABT	38540-1908	P-5408-LAB
38540-0109	P-5409-AB	38540-1009	P-5409-ABT	38540-1909	P-5409-LAB
38540-0110	P-5410-AB	38540-1010	P-5410-ABT	38540-1910	P-5410-LAB
38540-0111	P-5411-AB	38540-1011	P-5411-ABT	38540-1911	P-5411-LAB
38540-0112	P-5412-AB	38540-1012	P-5412-ABT	38540-1912	P-5412-LAB
38540-0113	P-5413-AB	38540-1013	P-5413-ABT	38540-1913	P-5413-LAB
38540-0114	P-5414-AB	38540-1014	P-5414-ABT	38540-1914	P-5414-LAB
38540-0115	P-5415-AB	38540-1015	P-5415-ABT	38540-1915	P-5415-LAB
38540-0116	P-5416-AB	38540-1016	P-5416-ABT	38540-1916	P-5416-LAB
<b>SOCKETS</b>					
<b>Angle Bracket (-AB)</b>		<b>Angle Bracket Tapped (-ABT)</b>		<b>Less Angle Bracket (-LAB)</b>	
<b>Order #</b>	<b>Engineering #</b>	<b>Order #</b>	<b>Engineering #</b>	<b>Order #</b>	<b>Engineering #</b>
38540-0604	S-5404-AB	38540-1504	S-5404-ABT	38540-2404	S-5404-LAB
38540-0605	S-5405-AB	38540-1505	S-5405-ABT	38540-2405	S-5405-LAB
38540-0606	S-5406-AB	38540-1506	S-5406-ABT	38540-2406	S-5406-LAB
38540-0607	S-5407-AB	38540-1507	S-5407-ABT	38540-2407	S-5407-LAB
38540-0608	S-5408-AB	38540-1508	S-5408-ABT	38540-2408	S-5408-LAB
38540-0609	S-5409-AB	38540-1509	S-5409-ABT	38540-2409	S-5409-LAB
38540-0610	S-5410-AB	38540-1510	S-5410-ABT	38540-2410	S-5410-LAB
38540-0611	S-5411-AB	38540-1511	S-5411-ABT	38540-2411	S-5411-LAB
38540-0612	S-5412-AB	38540-1512	S-5412-ABT	38540-2412	S-5412-LAB
38540-0613	S-5413-AB	38540-1513	S-5413-ABT	38540-2413	S-5413-LAB
38540-0614	S-5414-AB	38540-1514	S-5414-ABT	38540-2414	S-5414-LAB
38540-0615	S-5415-AB	38540-1515	S-5415-ABT	38540-2415	S-5415-LAB
38540-0616	S-5416-AB	38540-1516	S-5416-ABT	38540-2416	S-5416-LAB



# Beau™ Power Connectors Panel Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

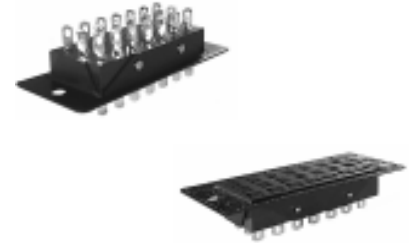
### Mechanical

Operating Temperature: 150°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

## 38542 Shallow Bracket (SB)



### Reference Information

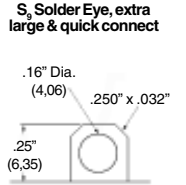
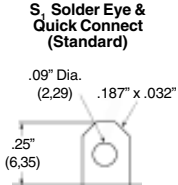
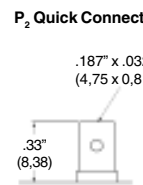
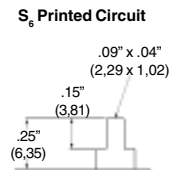
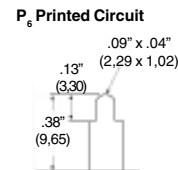
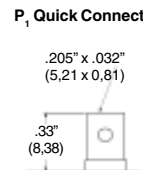
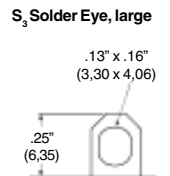
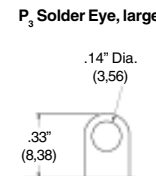
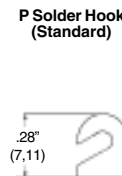
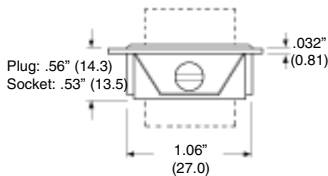
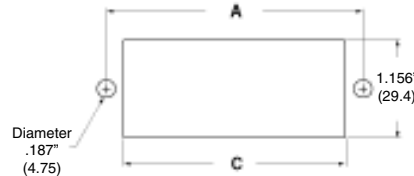
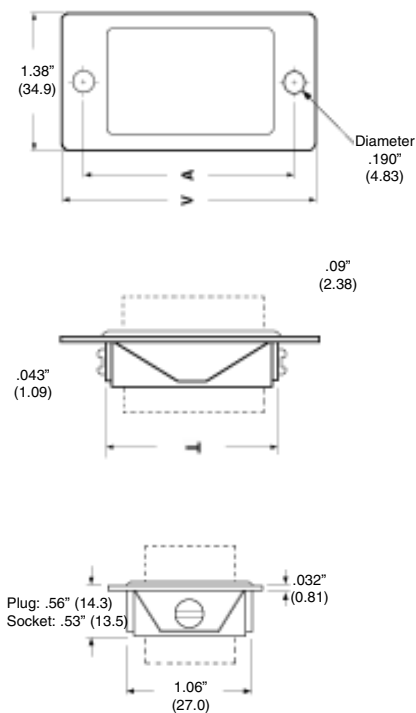
UL : File E34763  
CSA: File 22156

## SUGGESTED PANEL MOUNTING DIMENSIONS

## CONTACT TAILS

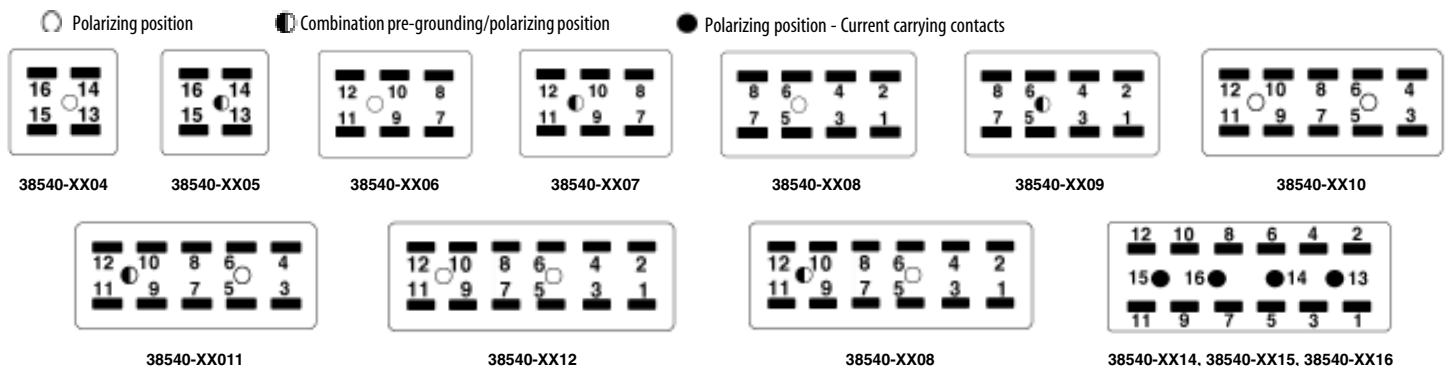
Fig. L

Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.



**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Panel Mount Plugs and Sockets**

**38542**

Part#	V		W	
	in	mm	in	mm
5404/05	1.92	48.8	1.16	29.4
5406/07	2.36	59.9	1.59	40.5
5408/09	2.80	71.0	2.03	51.6
5410/11	3.23	82.2	2.47	62.7
5412/13	3.67	93.3	2.91	73.8
5414	3.67	93.3	2.91	73.8
5415	3.67	93.3	2.91	73.8
5416	3.67	93.3	2.91	73.8

Part #	Fig.#	A		C	
		in	mm	in	mm
5404/05	L	1.500	38.1	1.250	31.8
5406/07	L	1.937	49.2	1.687	42.8
5408/09	L	2.375	60.3	2.125	54.0
5410/11	L	2.812	71.4	2.562	65.1
5412/13	L	3.250	82.6	3.000	76.2
5414	L	3.250	82.6	3.000	76.2
5415	L	3.250	82.6	3.000	76.2
5416	L	3.250	82.6	3.000	76.2

PLUGS		SOCKETS	
Shallow Bracket (-SB)		Shallow Bracket (SB)	
Order #	Engineering #	Order #	Engineering #
38542-0804	P-5404-SB	38542-1304	S-5404-SB
38542-0805	P-5405-SB	38542-1305	S-5405-SB
38542-0806	P-5406-SB	38542-1306	S-5406-SB
38542-0807	P-5407-SB	38542-1307	S-5407-SB
38542-0808	P-5408-SB	38542-1308	S-5408-SB
38542-0809	P-5409-SB	38542-1309	S-5409-SB
38542-0810	P-5410-SB	38542-1310	S-5410-SB
38542-0811	P-5411-SB	38542-1311	S-5411-SB
38542-0812	P-5412-SB	38542-1312	S-5412-SB
38542-0813	P-5413-SB	38542-1313	S-5413-SB
38542-0814	P-5414-SB	38542-1314	S-5414-SB
38520-0815	P-5415-SB	38520-1315	S-5415-SB
38542-0816	P-5416-SB	38542-1316	S-5416-SB



# Beau™ Power Connectors Panel Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

### Mechanical

Operating Temperature: 150°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

## 38540 Deep Bracket (DB)



### Reference Information

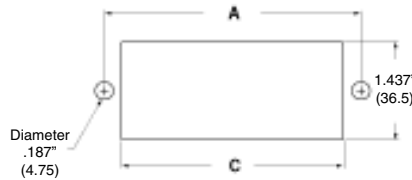
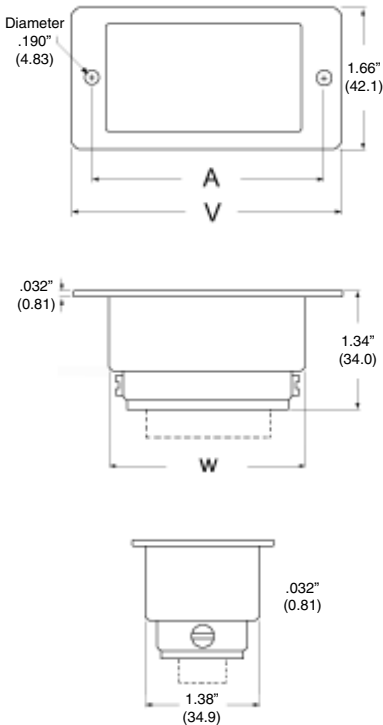
UL : File E34763  
CSA: File 22156

## SUGGESTED PANEL MOUNTING DIMENSIONS

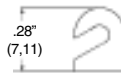
## CONTACT TAILS

Fig. M

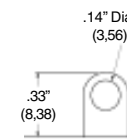
Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



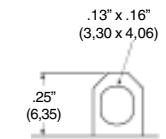
P Solder Hook (Standard)



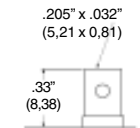
P<sub>3</sub> Solder Eye, large



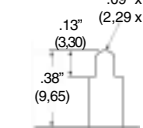
S<sub>3</sub> Solder Eye, large



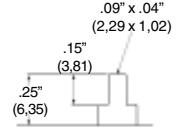
P<sub>1</sub> Quick Connect



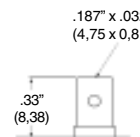
P<sub>6</sub> Printed Circuit



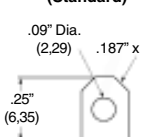
S<sub>6</sub> Printed Circuit



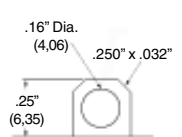
P<sub>2</sub> Quick Connect



S<sub>1</sub> Solder Eye & Quick Connect (Standard)



S<sub>5</sub> Solder Eye, extra large & quick connect



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

○ Polarizing position

◐ Combination pre-grounding/polarizing position

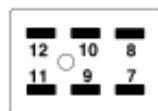
● Polarizing position - Current carrying contacts



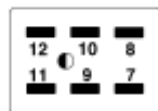
38540-XX04



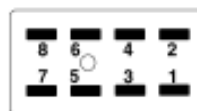
38540-XX05



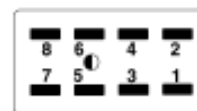
38540-XX06



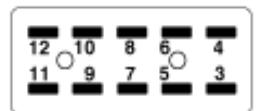
38540-XX07



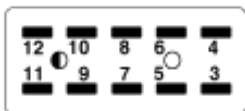
38540-XX08



38540-XX09



38540-XX10



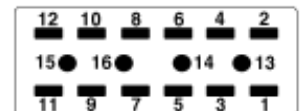
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16



38540

Part#	V		W	
	in	mm	in	mm
5404\05	2.19	55.6	1.38	34.9
5406\07	2.63	66.7	1.81	46.0
5408\09	3.06	77.8	2.25	57.2
5410\11	3.50	88.9	2.69	68.3
5412\13	3.94	100	3.13	79.4
5414	3.94	100	3.13	79.4
5415	3.94	100	3.13	79.4
5416	3.94	100	3.13	79.4

Part #	Fig.#	A		C	
		in	mm	in	mm
5404/05	M	1.750	44.5	1.437	36.5
5406/07	M	2.187	55.5	1.875	47.6
5408/09	M	2.625	66.7	2.312	58.7
5410/11	M	3.062	77.8	2.750	69.9
5412/13	M	3.500	88.9	3.187	80.9
5414	M	3.500	88.9	3.187	80.9
5415	M	3.500	88.9	3.187	80.9
5416	M	3.500	88.9	3.187	80.9

PLUGS		SOCKETS	
Deep Bracket (DB)		Deep Bracket (DB)	
Order #	Engineering #	Order #	Engineering #
38540-3704	P-5404-DB	38540-4204	S-5404-DB
38540-3705	P-5405-DB	38540-4205	S-5405-DB
38540-3706	P-5406-DB	38540-4206	S-5406-DB
38540-3707	P-5407-DB	38540-4207	S-5407-DB
38540-3708	P-5408-DB	38540-4208	S-5408-DB
38540-3709	P-5409-DB	38540-4209	S-5409-DB
38540-3710	P-5410-DB	38540-4210	S-5410-DB
38540-3711	P-5411-DB	38540-4211	S-5411-DB
38540-3712	P-5412-DB	38540-4212	S-5412-DB
38540-3713	P-5413-DB	38540-4213	S-5413-DB
38540-3714	P-5414-DB	38540-4214	S-5414-DB
38520-3715	P-5415-DB	38520-4215	S-5415-DB
38540-3716	P-5416-DB	38540-4216	S-5416-DB



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.
- Strain relief cable clamps, used with round or flat cable

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

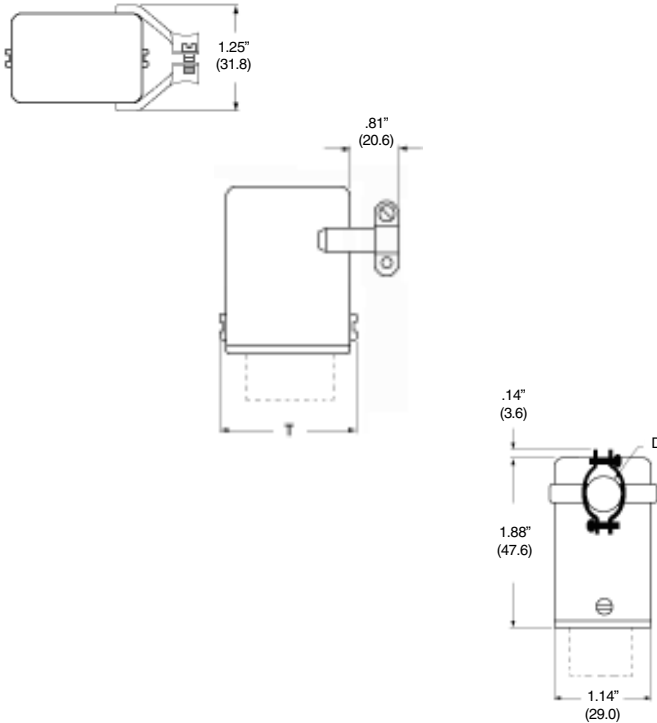
Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin/Lead  
Pre-grounding Contact: Heavy-duty plated brass

## 38541 Cable Clamp End (CCE)



## CONTACT TAILS

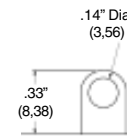
Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



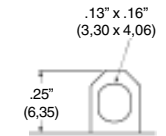
P Solder Hook (Standard)



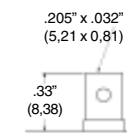
P<sub>3</sub> Solder Eye, large



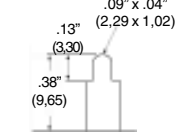
S<sub>3</sub> Solder Eye, large



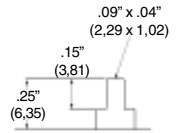
P<sub>1</sub> Quick Connect



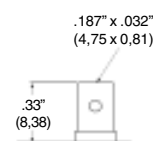
P<sub>6</sub> Printed Circuit



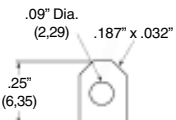
S<sub>6</sub> Printed Circuit



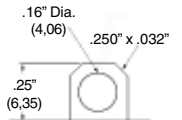
P<sub>2</sub> Quick Connect



S<sub>1</sub> Solder Eye & Quick Connect (Standard)



S<sub>2</sub> Solder Eye, extra large & quick connect



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

○ Polarizing position

◐ Combination pre-grounding/polarizing position

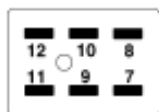
● Polarizing position - Current carrying contacts



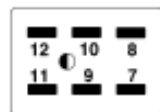
38540-XX04



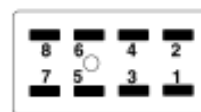
38540-XX05



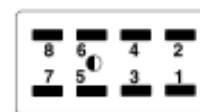
38540-XX06



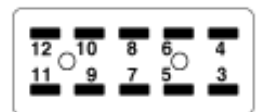
38540-XX07



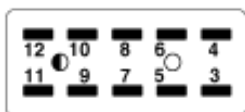
38540-XX08



38540-XX09



38540-XX10



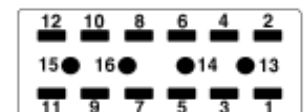
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16



**38541**

**DIMENSIONS**

Part#	V		W	
	in	mm	in	mm
5404\05	.44	11.1	1.23	31.4
5406\07	.44	11.1	1.67	42.5
5408\09	.56	14.3	2.11	53.6
5410\11	.56	14.3	2.55	64.7
5412\13	.63	15.9	2.98	75.8
5414	.63	15.9	2.98	75.8
5415	.63	15.9	2.98	75.8
5416	.63	15.9	2.98	75.8

For Connector size	Clamp opening dia., in. (mm)		Clamp Number
	min	max	
Standard Clamps Sizes			
38541-XX04 thru 38541-XX07	.38" (9,7)	.72" (18,3)	-
38541-XX08 thru 38541-XX16	.38" (9,7)	.84" (21,3)	-
Clamp Options			
38541-XX04 thru 38541-XX16	.45" (11,4)	.91" (23,1)	78
38541-XX04 thru 38541-XX16 for Mating with Deep Bracket (DB)	.38" (9,7)	.72" (18,3)	47

PLUGS		SOCKETS	
Cable Clamp End (CCE)		Cable Clamp End (CCE)	
Order #	Engineering #	Order #	Engineering #
38541-0004	P-5404-CCE	38541-3004	S-5404-CCE
38541-0005	P-5405-CCE	38541-3005	S-5405-CCE
38541-0006	P-5406-CCE	38541-3006	S-5406-CCE
38541-0007	P-5407-CCE	38541-3007	S-5407-CCE
38541-0008	P-5408-CCE	38541-3008	S-5408-CCE
38541-0009	P-5409-CCE	38541-3009	S-5409-CCE
38541-0010	P-5410-CCE	38541-3010	S-5410-CCE
38541-0011	P-5411-CCE	38541-3011	S-5411-CCE
38541-0012	P-5412-CCE	38541-3012	S-5412-CCE
38541-0013	P-5413-CCE	38541-3013	S-5413-CCE
38541-0014	P-5414-CCE	38541-3014	S-5414-CCE
38521-0015	P-5415-CCE	38521-3015	S-5415-CCE
38541-0016	P-5416-CCE	38541-3016	S-5416-CCE



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

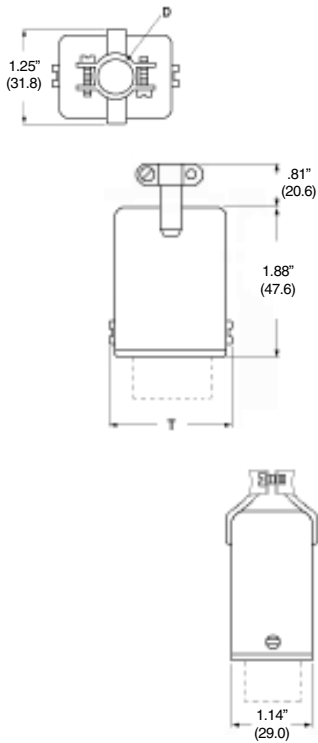
**38541**

**Cable Clamp Top (CCT)**  
**Cable Clamp Top w/ Keeper (CCT-K)**  
**Cable Clamp Top w/ Latch (CCT-L)**



## OPTIONS

## CONTACT TAILS

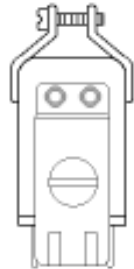


For connecting two cable-mounted connectors, plug and socket can be equipped with either a latch (-L) or keeper (-K)>

Keeper (-K)



Latch (-L)

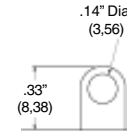


Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles

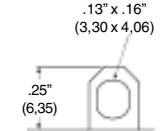
P Solder Hook (Standard)



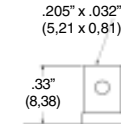
P<sub>3</sub> Solder Eye, large



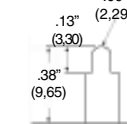
S<sub>3</sub> Solder Eye, large



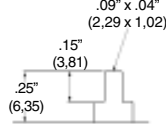
P<sub>1</sub> Quick Connect



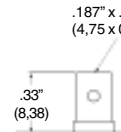
P<sub>6</sub> Printed Circuit



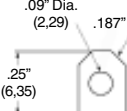
S<sub>6</sub> Printed Circuit



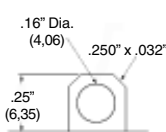
P<sub>2</sub> Quick Connect



S Solder Eye & Quick Connect (Standard)



S<sub>6</sub> Solder Eye, extra large & quick connect



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

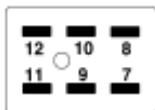
- Polarizing position
- ◐ Combination pre-grounding/polarizing position
- Polarizing position - Current carrying contacts



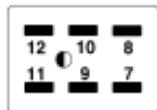
38540-XX04



38540-XX05



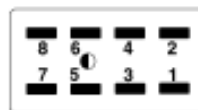
38540-XX06



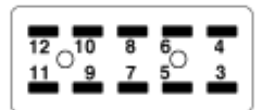
38540-XX07



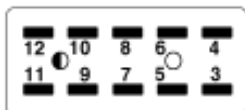
38540-XX08



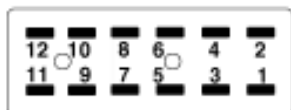
38540-XX09



38540-XX10



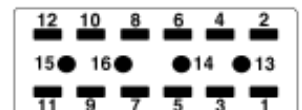
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16



**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Cable Mount Plugs and Sockets**

**38541**

Part#	V		W	
	in	mm	in	mm
5404\05	.44	11.1	1.23	31.4
5406\07	.44	11.1	1.67	42.5
5408\09	.56	14.3	2.11	53.6
5410\11	.56	14.3	2.55	64.7
5412\13	.63	15.9	2.98	75.8
5414	.63	15.9	2.98	75.8
5415	.63	15.9	2.98	75.8
5416	.63	15.9	2.98	75.8

For Connector size	Clamp opening dia., in. (mm)		Clamp Number
	min	max	
Standard Clamps Sizes			
38541-XX04 thru 38541-XX07	.38" (9,7)	.72" (18,3)	-
38541-XX08 thru 38541-XX16	.38" (9,7)	.84" (21,3)	-
Clamp Option			
38541-XX04 thru 38541-XX16	.45" (11,4)	.91" (23,1)	78

For non-standard backshell hole size, consult factory

**PLUGS**

Cable Clamp Top (-CCT)		Cable Clamp Top w/Keeper (-CCT-K)		Cable Clamp Top w/Latch (-CCT-L)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38541-5404	P-5404-CCT	38541-5804	P-5404-CCT-K	38541-5604	P-5404-CCT-L
38541-5405	P-5405-CCT	38541-5805	P-5405-CCT-K	38541-5605	P-5405-CCT-L
38541-5406	P-5406-CCT	38541-5806	P-5406-CCT-K	38541-5606	P-5406-CCT-L
38541-5407	P-5407-CCT	38541-5807	P-5407-CCT-K	38541-5607	P-5407-CCT-L
38541-5408	P-5408-CCT	38541-5808	P-5408-CCT-K	38541-5608	P-5408-CCT-L
38541-5409	P-5409-CCT	38541-5809	P-5409-CCT-K	38541-5609	P-5409-CCT-L
38541-5410	P-5410-CCT	38541-5810	P-5410-CCT-K	38541-5610	P-5410-CCT-L
38541-5411	P-5411-CCT	38541-5811	P-5411-CCT-K	38541-5611	P-5411-CCT-L
38541-5412	P-5412-CCT	38541-5812	P-5412-CCT-K	38541-5612	P-5412-CCT-L
38541-5413	P-5413-CCT	38541-5813	P-5413-CCT-K	38541-5613	P-5413-CCT-L
38541-5414	P-5414-CCT	38541-5814	P-5414-CCT-K	38541-5614	P-5414-CCT-L
38521-5415	P-5415-CCT	38541-5815	P-5415-CCT-K	38541-5615	P-5415-CCT-L
38541-5416	P-5416-CCT	38541-5816	P-5416-CCT-K	38541-5616	P-5416-CCT-L

**SOCKETS**

Cable Clamp Top (-CCT)		Cable Clamp Top w/Keeper (-CCT-K)		Cable Clamp Top w/Latch (-CCT-L)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38541-8404	S-5404-CCT	38541-8804	S-5404-CCT-K	38541-8604	S-5404-CCT-L
38541-8405	S-5405-CCT	38541-8805	S-5405-CCT-K	38541-8605	S-5405-CCT-L
38541-8406	S-5406-CCT	38541-8806	S-5406-CCT-K	38541-8606	S-5406-CCT-L
38541-8407	S-5407-CCT	38541-8807	S-5407-CCT-K	38541-8607	S-5407-CCT-L
38541-8408	S-5408-CCT	38541-8808	S-5408-CCT-K	38541-8608	S-5408-CCT-L
38541-8409	S-5409-CCT	38541-8809	S-5409-CCT-K	38541-8609	S-5409-CCT-L
38541-8410	S-5410-CCT	38541-8810	S-5410-CCT-K	38541-8610	S-5410-CCT-L
38541-8411	S-5411-CCT	38541-8811	S-5411-CCT-K	38541-8611	S-5411-CCT-L
38541-8412	S-5412-CCT	38541-8812	S-5412-CCT-K	38541-8612	S-5412-CCT-L
38541-8413	S-5413-CCT	38541-8813	S-5413-CCT-K	38541-8613	S-5413-CCT-L
38541-8414	S-5414-CCT	38541-8814	S-5414-CCT-K	38541-8614	S-5414-CCT-L
38521-8415	S-5415-CCT	38541-8815	S-5415-CCT-K	38541-8615	S-5415-CCT-L
38541-8416	S-5416-CCT	38541-8816	S-5416-CCT-K	38541-8616	S-5416-CCT-L



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

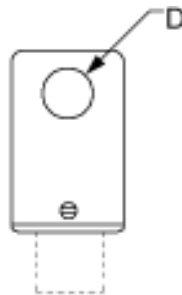
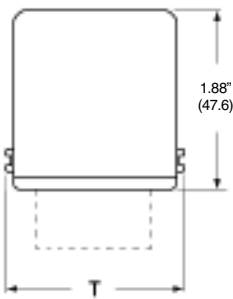
Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin  
Pre-grounding Contact: Heavy-duty plated brass

## 38540 Flared Hole End (FHE)

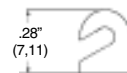


## CONTACT TAILS

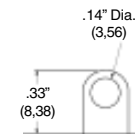
Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



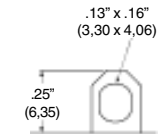
P Solder Hook (Standard)



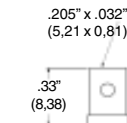
P<sub>3</sub> Solder Eye, large



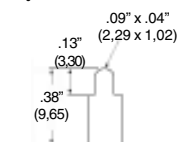
S<sub>3</sub> Solder Eye, large



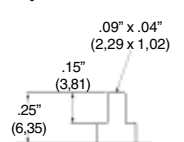
P<sub>1</sub> Quick Connect



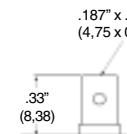
P<sub>6</sub> Printed Circuit



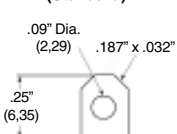
S<sub>6</sub> Printed Circuit



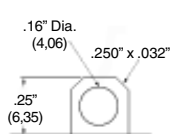
P<sub>2</sub> Quick Connect



S<sub>1</sub> Solder Eye & Quick Connect (Standard)



S<sub>2</sub> Solder Eye, extra large & quick connect



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

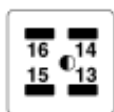
○ Polarizing position

◐ Combination pre-grounding/polarizing position

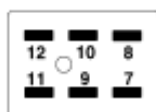
● Polarizing position - Current carrying contacts



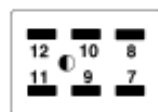
38540-XX04



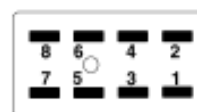
38540-XX05



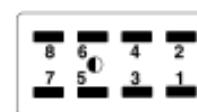
38540-XX06



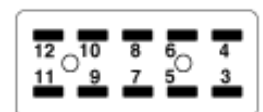
38540-XX07



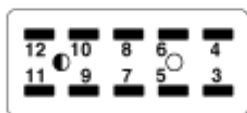
38540-XX08



38540-XX09



38540-XX10



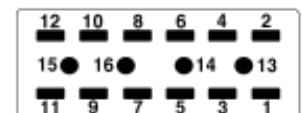
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Cable Mount Plugs and Sockets**

**38540**

Part#	D		T	
	in	mm	in	mm
5404/05	.44	11.1	1.23	31.4
5406/07	.44	11.1	1.67	42.5
5408/09	.56	14.3	2.11	53.6
5410/11	.56	14.3	2.55	64.7
5412	.63	15.9	2.98	75.8

PLUGS		SOCKETS	
Flared Hole End (FHE)		Flared End Hole (FHE)	
Order #	Engineering #	Order #	Engineering #
38540-6404	P-5404-FHE	38540-7404	S-5404-FHE
38540-6405	P-5405-FHE	38540-7405	S-5405-FHE
38540-6406	P-5406-FHE	38540-7406	S-5406-FHE
38540-6407	P-5407-FHE	38540-7407	S-5407-FHE
38540-6408	P-5408-FHE	38540-7408	S-5408-FHE
38540-6409	P-5409-FHE	38540-7409	S-5409-FHE
38540-6410	P-5410-FHE	38540-7410	S-5410-FHE
38540-6411	P-5411-FHE	38540-7411	S-5411-FHE
38540-6412	P-5412-FHE	38540-7412	S-5412-FHE
38540-6413	P-5413-FHE	38540-7413	S-5413-FHE
38540-6414	P-5414-FHE	38540-7414	S-5414-FHE
38540-6415	P-5415-FHE	38540-7415	S-5415-FHE
38540-6416	P-5416-FHE	38540-7416	S-5416-FHE



# Beau™ Power Connectors Cable Mount Plugs and Sockets

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### Electrical

Voltage: 250V  
Maximum Current: 15 Amp

### Mechanical

Operating Temperature: 110°C

### Physical

Base Insulator: High-grade phenolic, black  
Plug Contact: Brass  
Plug Contact Plating: Tin  
Socket Contact: Phosphor bronze  
Socket Contact Plating: Tin/Lead  
Pre-grounding Contact: Heavy-duty plated brass

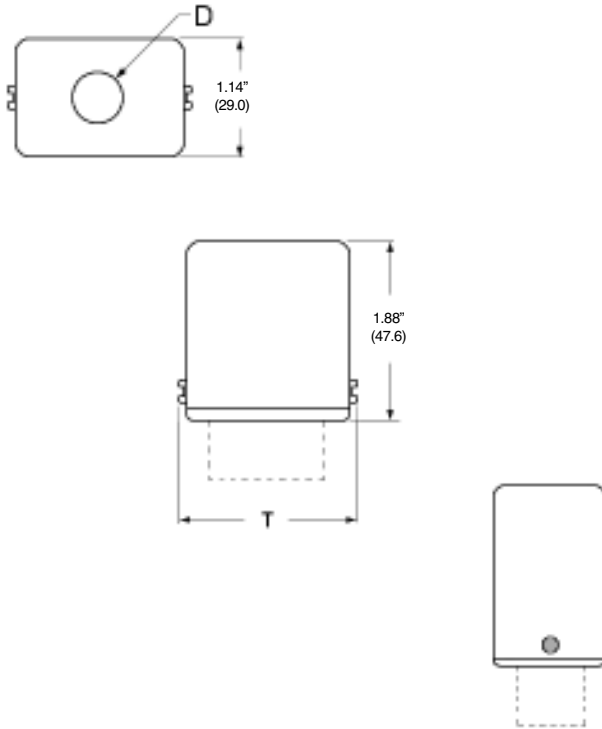
**38540**

**Flared Hole Top (FHT)**



## CONTACT TAILS

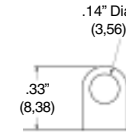
Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles



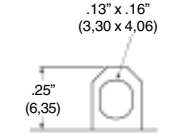
**P Solder Hook (Standard)**



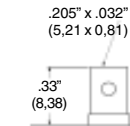
**P<sub>3</sub> Solder Eye, large**



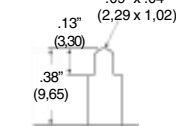
**S<sub>3</sub> Solder Eye, large**



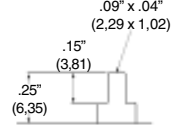
**P<sub>1</sub> Quick Connect**



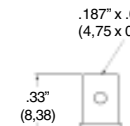
**P<sub>6</sub> Printed Circuit**



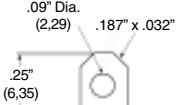
**S<sub>6</sub> Printed Circuit**



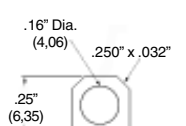
**P<sub>2</sub> Quick Connect**



**S<sub>2</sub> Solder Eye & Quick Connect (Standard)**



**S<sub>5</sub> Solder Eye, extra large & quick connect**



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

○ Polarizing position

◐ Combination pre-grounding/polarizing position

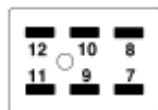
● Polarizing position - Current carrying contacts



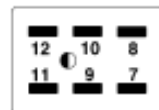
38540-XX04



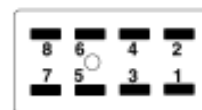
38540-XX05



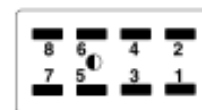
38540-XX06



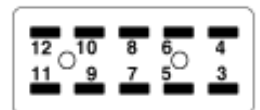
38540-XX07



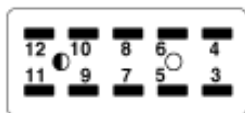
38540-XX08



38540-XX09



38540-XX10



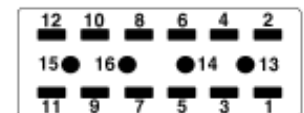
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16

**ORDERING INFORMATION AND DIMENSIONS**



**Beau™ Power Connectors  
Cable Mount Plugs and Sockets**

**38540**

Part#	D		T	
	in	mm	in	mm
5404/05	.44	11.1	1.23	31.4
5406/07	.44	11.1	1.67	42.5
5408/09	.56	14.3	2.11	53.6
5410/11	.56	14.3	2.55	64.7
5412	.63	15.9	2.98	75.8

PLUGS		SOCKETS	
Flared Hole Top (FHT)		Flared Hole Top (FHT)	
Order #	Engineering #	Order #	Engineering #
38540-8204	P-5404-FHT	38540-9204	S-5404-FHT
38540-8205	P-5405-FHT	38540-9205	S-5405-FHT
38540-8206	P-5406-FHT	38540-9206	S-5406-FHT
38540-8207	P-5407-FHT	38540-9207	S-5407-FHT
38540-8208	P-5408-FHT	38540-9208	S-5408-FHT
38540-8209	P-5409-FHT	38540-9209	S-5409-FHT
38540-8210	P-5410-FHT	38540-9210	S-5410-FHT
38540-8211	P-5411-FHT	38540-9211	S-5411-FHT
38540-8212	P-5412-FHT	38540-9212	S-5412-FHT
38540-8213	P-5413-FHT	38540-9213	S-5413-FHT
38540-8214	P-5414-FHT	38540-9214	S-5414-FHT
38540-8215	P-5415-FHT	38540-9215	S-5415-FHT
38540-8216	P-5416-FHT	38540-9216	S-5416-FHT