

- NOTES:
1. MATERIAL: SEE TABLE
  2. FINISHES: SEE TABLE
  3. PRODUCT SPECIFICATION: NOT REQUIRED
  4. PACKAGING: NOT REQUIRED
  5. MATES WITH: NONE
  6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
  7. INCH DIMENSIONS ARE SHOWN IN BRACKETS [.XXX].
  8. ASSEMBLY IS ROHS COMPLIANT.

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

6	XX*2	SCREW, #6-32X.250, PAN HD, PHIL-SLOT W/WSHR (-50 OPT)	STEEL	ZINC W/CHROMATE
5	XX*2	SCREW, #6-32X.250, BGHD, PHIL-SLOT (-49 OPTION)	BRASS	NICKEL
4	XX*2	SCREW, #6-32X.250, BGHD, PHIL-SLOT (STANDARD)	STEEL	ZINC W/CHROMATE
3	XX	TERMINAL PLATE (-49 OPTION)	BRASS	TIN
2	XX	TERMINAL PLATE	BRASS	NICKEL
1	1	INSULATOR	THERMOPLASTIC	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS:  $\nabla_A = 0$ ,  $\nabla_E = 0$ ,  $\nabla_P = 0$

DIVISIONAL SYMBOLS: 4 PLACES ± --- ± ---, 3 PLACES ± --- ± SEE CHART, 2 PLACES ± SEE CHART ± SEE CHART, 1 PLACE ± SEE CHART ± ---, 0 PLACES ± --- ± ---

ANGULAR TOL: ± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED):

CURRENT REV DESC: MIGRATED TO ECTR/NX & ADDED TOLERANCE TABLE

EC NO: 639832  
 DRWN: ABENJAMINLW 2020/04/16  
 CHK'D: MBRZOZOWSKI 2020/05/13  
 APPR: JFMURPHY 2020/07/22

INITIAL REVISION:  
 DRWN: CYORK 2004/09/27  
 APPR: grobertson 2004/10/01

THIRD ANGLE PROJECTION

DRAWING: B-SIZE

SERIES: 38760

DOCUMENT NUMBER: SD-38760-001

DOC TYPE: PSD

DOC PART: 001

REVISION: C2

MATERIAL NUMBER: SEE CHART

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 2



**molex**

9.53MM [.375] DOUBLE ROW  
BTS ASSEMBLY

PRODUCT CUSTOMER DRAWING

NO. OF CIRCUITS "XX"	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ASSEMBLY MATERIAL NO. (STANDARD)	ASSEMBLY MATERIAL NO. (-49 OPTION)	ASSEMBLY MATERIAL NO. (-50 OPTION)
	mm	INCH	mm	INCH	mm	INCH	mm	INCH			
2	35.7	[1.41]	9.53	[.375]	28.6	[1.13]	21.3	[.84]	387600102	387600202	387600302
3	45.2	[1.78]	19.05	[.750]	38.1	[1.50]	30.8	[1.21]	387600103	387600203	387600303
4	54.7	[2.16]	28.58	[1.125]	47.6	[1.88]	40.3	[1.59]	387600104	387600204	387600304
5	64.3	[2.53]	38.10	[1.500]	57.2	[2.25]	49.8	[1.96]	387600105	387600205	387600305
6	73.8	[2.91]	47.63	[1.875]	66.7	[2.63]	59.4	[2.34]	387600106	387600206	387600306
7	83.3	[3.28]	57.15	[2.250]	76.2	[3.00]	68.9	[2.71]	387600107	387600207	387600307
8	92.8	[3.66]	66.68	[2.625]	85.7	[3.38]	78.4	[3.09]	387600108	387600208	387600308
9	102.4	[4.03]	76.20	[3.000]	95.3	[3.75]	87.9	[3.46]	387600109	387600209	387600309
10	111.9	[4.41]	85.73	[3.375]	104.8	[4.13]	97.5	[3.84]	387600110	387600210	387600310
11	121.4	[4.78]	95.25	[3.750]	114.3	[4.50]	107.0	[4.21]	387600111	387600211	387600311
12	130.9	[5.16]	104.78	[4.125]	123.8	[4.88]	116.5	[4.59]	387600112	387600212	387600312
13	140.5	[5.53]	114.30	[4.500]	133.4	[5.25]	126.0	[4.96]	387600113	387600213	387600313
14	150.0	[5.91]	123.83	[4.875]	142.9	[5.63]	135.6	[5.34]	387600114	387600214	387600314
15	159.5	[6.28]	133.35	[5.250]	152.4	[6.00]	145.1	[5.71]	387600115	387600215	387600315
16	169.0	[6.66]	142.88	[5.625]	161.9	[6.38]	154.6	[6.09]	387600116	387600216	387600316
17	178.6	[7.03]	152.40	[6.000]	171.5	[6.75]	164.1	[6.46]	387600117	387600217	387600317
18	188.1	[7.41]	161.93	[6.375]	181.0	[7.13]	173.7	[6.84]	387600118	387600218	387600318
19	197.6	[7.78]	171.45	[6.750]	190.5	[7.50]	183.2	[7.21]	387600119	387600219	387600319
20	207.1	[8.16]	180.98	[7.125]	200.0	[7.88]	192.7	[7.59]	387600120	387600220	387600320
21	216.7	[8.53]	190.50	[7.500]	209.6	[8.25]	202.2	[7.96]	387600121	387600221	387600321
22	226.2	[8.91]	200.03	[7.875]	219.1	[8.63]	211.8	[8.34]	387600122	387600222	387600322
23	235.7	[9.28]	209.55	[8.250]	228.6	[9.00]	221.3	[8.71]	387600123	387600223	387600323
24	245.2	[9.66]	219.08	[8.625]	238.1	[9.38]	230.8	[9.09]	387600124	387600224	387600324
25	254.2	[10.03]	228.60	[9.000]	247.7	[9.75]	240.3	[9.46]	387600125	387600225	387600325
26	264.3	[10.41]	238.13	[9.375]	257.2	[10.13]	249.9	[9.84]	387600126	387600226	387600326
27	273.8	[10.78]	247.65	[9.750]	266.7	[10.50]	259.4	[10.21]	387600127	387600227	387600327
28	283.3	[11.16]	257.18	[10.125]	276.2	[10.88]	268.9	[10.59]	387600128	387600228	387600328
29	292.9	[11.53]	266.70	[10.500]	285.8	[11.25]	278.4	[10.96]	387600129	387600229	387600329
30	302.4	[11.91]	276.23	[10.875]	295.3	[11.63]	288.0	[11.34]	387600130	387600230	387600330

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

FUNCTIONAL SYMBOLS												THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS				SCALE				CURRENT REV DESC: MIGRATED TO ECTR/NX & ADDED TOLERANCE TABLE				 9.53MM [.375] DOUBLE ROW BTS ASSEMBLY											
MM/INCH				2:1																			
GENERAL TOLERANCES (UNLESS SPECIFIED)												EC NO: 639832 DRWN: ABENJAMINLW 2020/04/16 CHK'D: MBRZOZOWSKI 2020/05/13 APPR: JFMURPHY 2020/07/22 INITIAL REVISION: DRWN: CYORK 2004/09/27 APPR: grobertson 2004/10/01											
		MM		INCH																			
4 PLACES		± ---		± ---																			
3 PLACES		± ---		± SEE CHART																			
2 PLACES		± SEE CHART		± SEE CHART																			
1 PLACE		± SEE CHART		± ---																			
0 PLACES		± ---		± ---																			
ANGULAR TOL				± ---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DRAWING				SERIES											
								B-SIZE				38760											
DOCUMENT NUMBER				SD-38760-001				DOC TYPE				PSD											
DOC PART				001				REVISION				C2											
MATERIAL NUMBER				SEE CHART				CUSTOMER				GENERAL MARKET											
SHEET NUMBER				2 OF 2																			

10 9 8 7 6 5 4 3 2 38760

NO. OF CIRCUITS "XX"	DM. "A"	DM. "B"	DM. "C"	DM. "D"	ASSEMBLY MATERIAL NO. (STANDARD)	ASSEMBLY MATERIAL NO. (-49 OPTION)	ASSEMBLY MATERIAL NO. (-50 OPTION)
2	35.7 [1.41]	9.53 [.375]	28.6 [1.13]	21.3 [.84]	38760-0102	387600202	387600302
3	45.2 [1.78]	19.05 [1.750]	38.1 [1.50]	30.8 [1.21]	38760-0103	387600203	387600303
4	54.7 [2.16]	28.58 [1.125]	47.6 [1.88]	40.3 [1.59]	38760-0104	387600204	387600304
5	64.3 [2.53]	38.10 [1.500]	57.2 [2.25]	49.8 [1.96]	38760-0105	387600205	387600305
6	73.8 [2.91]	47.63 [1.875]	66.7 [2.63]	59.4 [2.34]	38760-0106	387600206	387600306
7	83.3 [3.28]	57.15 [2.250]	76.2 [3.00]	68.9 [2.71]	38760-0107	387600207	387600307
8	92.8 [3.66]	66.68 [2.625]	85.7 [3.38]	78.4 [3.09]	38760-0108	387600208	387600308
9	102.4 [4.03]	76.20 [3.000]	95.3 [3.75]	87.9 [3.46]	38760-0109	387600209	387600309
10	111.9 [4.41]	85.73 [3.375]	104.8 [4.13]	97.5 [3.84]	38760-0110	387600210	387600310
11	121.4 [4.78]	95.25 [3.750]	114.3 [4.50]	107.0 [4.21]	38760-0111	387600211	387600311
12	130.9 [5.16]	104.78 [4.125]	123.8 [4.88]	116.5 [4.59]	38760-0112	387600212	387600312
13	140.5 [5.53]	114.30 [4.500]	133.4 [5.25]	126.0 [4.96]	38760-0113	387600213	387600313
14	150.0 [5.91]	123.83 [4.875]	142.9 [5.63]	135.6 [5.34]	38760-0114	387600214	387600314
15	159.5 [6.28]	133.35 [5.250]	152.4 [6.00]	145.1 [5.71]	38760-0115	387600215	387600315
16	169.0 [6.66]	142.88 [5.625]	161.9 [6.38]	154.6 [6.09]	38760-0116	387600216	387600316
17	178.6 [7.03]	152.40 [6.000]	171.5 [6.75]	164.1 [6.46]	38760-0117	387600217	387600317
18	188.1 [7.41]	161.93 [6.375]	181.0 [7.13]	173.7 [6.84]	38760-0118	387600218	387600318
19	197.6 [7.78]	171.45 [6.750]	190.5 [7.50]	183.2 [7.21]	38760-0119	387600219	387600319
20	207.1 [8.16]	180.98 [7.125]	200.0 [7.88]	192.7 [7.59]	38760-0120	387600220	387600320
21	216.7 [8.53]	190.50 [7.500]	209.6 [8.25]	202.2 [7.96]	38760-0121	387600221	387600321
22	226.2 [8.91]	200.03 [7.875]	219.1 [8.63]	211.8 [8.34]	38760-0122	387600222	387600322
23	235.7 [9.28]	209.55 [8.250]	228.6 [9.00]	221.3 [8.71]	38760-0123	387600223	387600323
24	245.2 [9.66]	219.08 [8.625]	238.1 [9.38]	230.8 [9.09]	38760-0124	387600224	387600324
25	254.8 [10.03]	228.60 [9.000]	247.7 [9.75]	240.3 [9.46]	38760-0125	387600225	387600325
26	264.3 [10.41]	238.13 [9.375]	257.2 [10.13]	249.9 [9.84]	38760-0126	387600226	387600326
27	273.8 [10.78]	247.65 [9.750]	266.7 [10.50]	259.4 [10.21]	38760-0127	387600227	387600327
28	283.3 [11.16]	257.18 [10.125]	276.2 [10.88]	268.9 [10.59]	38760-0128	387600228	387600328
29	292.9 [11.53]	266.70 [10.500]	285.8 [11.25]	278.4 [10.96]	38760-0129	387600229	387600329
30	302.4 [11.91]	276.23 [10.875]	295.3 [11.63]	288.0 [11.34]	38760-0130	387600230	387600330

ADDED -49 & -50 OPTION EC NO: ETC2007-0195 DRW: JHLE 2006/11/13 CHKD: JMAGNELL 2006/11/13 APPR: JMAGNELL 2006/11/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ±.0015 3 PLACES ± 0.038 ±.005 2 PLACES ± 0.13 ±.01 1 PLACE ± 0.3 ± --- ANGULAR ± 2°	MM/IN	2:1	INCH	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE	TITLE		
	REV		CHECKED BY DATE	9.53MM [.375] DOUBLE ROW BTS ASSEMBLY		
		APPROVED BY DATE	MOLEX MOLEX INCORPORATED			
		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 2	

9 8 7 6 5 4 3 2 1

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