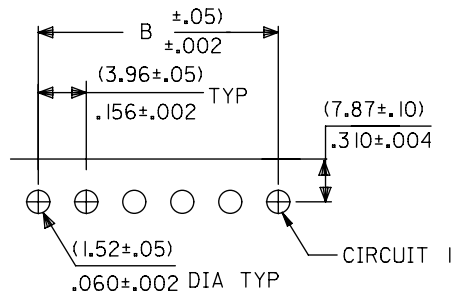
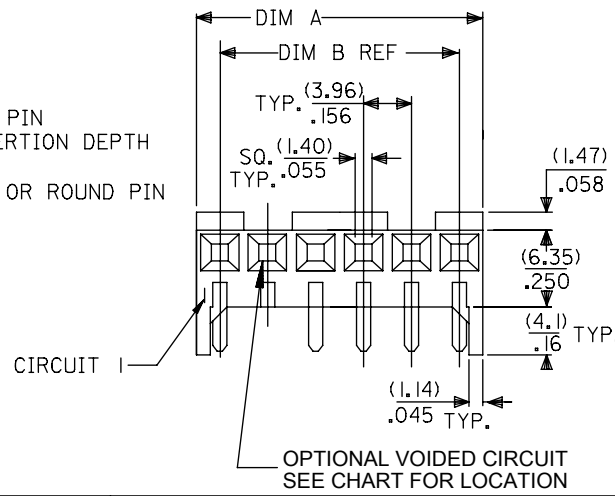
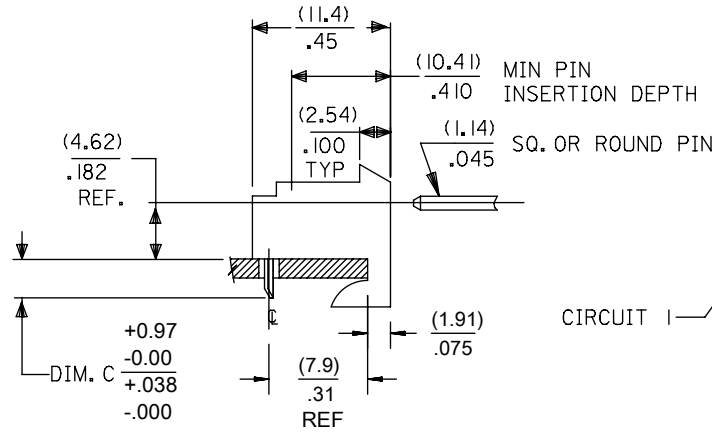


RIGHT ANGLE

HOUSING: 41815-N-AN-*** (WITH RAMP)
 HOUSING: 41815-N-DN-*** (WITHOUT RAMP)



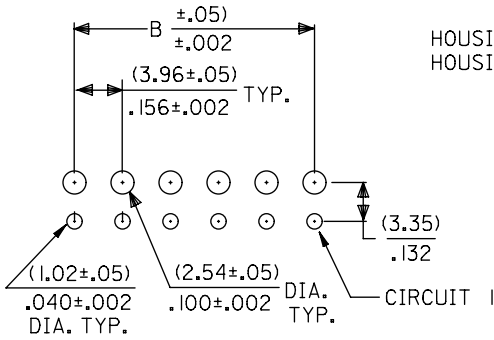
PCB LAYOUT: COMPONENT SIDE (1.57/.18)
 RECOMMENDED PCB THICKNESS: .062/.007



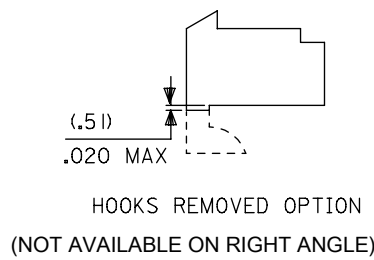
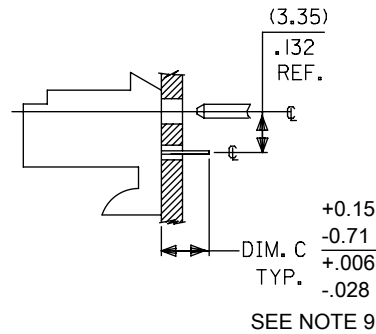
DIM. B	DIM. A	NO. OF CKTS
(3.96) .156	(7.82±.25) .308±.010	2
(7.92) .312	(11.79±.25) .464±.010	3
(11.89) .468	(15.75±.25) .620±.010	4
(15.85) .624	(19.71±.25) .776±.010	5
(19.81) .780	(23.67±.25) .932±.010	6
(23.77) .936	(27.64±.30) 1.088±.012	7
(27.74) 1.092	(31.60±.25) 1.244±.012	8
(31.70) 1.248	(35.56±.30) 1.400±.012	9
(35.66) 1.404	(39.52±.30) 1.556±.012	10
(39.62) 1.560	(43.48±.30) 1.712±.012	11
(43.59) 1.716	(47.45±.30) 1.868±.012	12
(47.55) 1.872	(51.41±.30) 2.024±.012	13
(51.51) 2.028	(55.37±.36) 2.180±.014	14
(55.47) 2.184	(59.33±.36) 2.336±.014	15

BOTTOM ENTRY

HOUSING: 41815-N-AN-*** (WITH RAMP)
 HOUSING: 41815-N-DN-*** (WITHOUT RAMP)

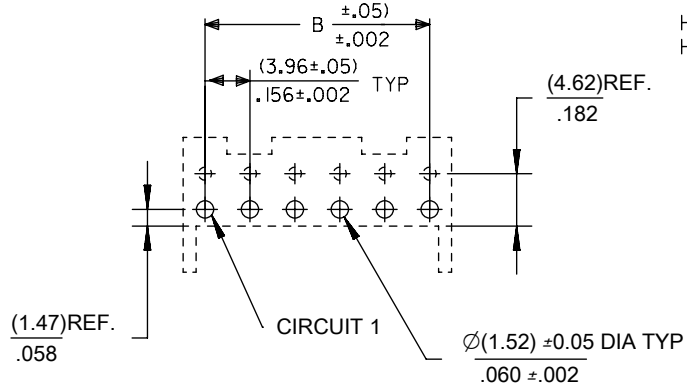


PCB LAYOUT: COMPONENT SIDE (1.57/.18)
 RECOMMENDED PCB THICKNESS: .062/.007

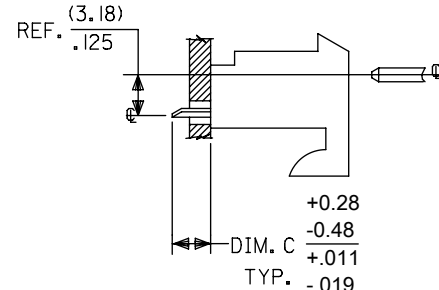


TOP ENTRY

HOUSING: 41815-N-AN-*** (WITH RAMP)
 HOUSING: 41815-N-DN-*** (WITHOUT RAMP)



PCB LAYOUT: COMPONENT SIDE (1.57/.18)
 RECOMMENDED PCB THICKNESS: .062/.007



NOTES:

- MATERIAL: HOUSING: POLYESTER, RATED UL 94V-0, COLOR: NATURAL (WHITE)
- FINISH:
 - (197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
 - (208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT TIN: 0.00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT TIN: 0.00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (909) = OVERALL TIN: 0.00254/.000100 MIN.
- PRODUCT SPECIFICATION: PS-08-50
- PACKAGING: SEE CHARTS
- FOR TOP ENTRY AND RIGHT ANGLE ASSEMBLIES WITH LOWER INSERTION FORCE USE SINGLE BEAM CONTACT. (TERMINAL NO. 4244)
- SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF 230°C (446°F) FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR ADDITIONAL INFORMATION SEE SMES-152.
- PARTS ARE STACKABLE END TO END ON (3.96)/.156 CENTERLINE.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
- DIMENSION 'C' MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: OBSOLETE PART NUMBER	
FA = 0	DIMENSION UNITS	SCALE		
FE = 0	MM/INCH	NTS		
FP = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
		MM	INCH	
	4 PLACES	±	±	
	3 PLACES	±	± 0.01	
	2 PLACES	± 0.25	± 0.015	
	1 PLACE	± 0.38	±	
	0 PLACES	±	±	
	ANGULAR TOL	± 0.5°		
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
			B-SIZE	41815
			MATERIAL NUMBER	CUSTOMER
			SEE TABLE	GENERAL MARKET
			DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
			SDA-41815	PSD 000 AR
			EC NO: 651926	DRWN: ABHISP1 2020/12/09
			CHK'D: GGA	2020/12/29
			APPR: GGA	2020/12/29
			INITIAL REVISION:	
			DRWN: SAMIEC	1987/01/28
			APPR: SAMIEC	1987/01/28
			SHEET NUMBER	1 OF 11

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 TIN
Dim C:	(3.68) / .145
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-208B
Term Matl:	PHOS BRONZE
Plating:	208 – 15 GOLD
Dim C:	(3.68) / .145
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	6298-1-197
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(3.18)/. 125
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	6298-1-208
Term Matl:	PHOS BRONZE
Plating:	208 – 15 GOLD
Dim C:	(3.18)/. 125
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2	09-48-1024	A-41815-0002
3	09-48-1034	A-41815-0003
4	09-48-1044	A-41815-0004
5	09-48-1054	A-41815-0005
6	09-48-1064	A-41815-0006
7	09-48-1074	A-41815-0007
8	09-48-1084	A-41815-0008
9	09-48-1094	A-41815-0009
10	09-48-1104	A-41815-0010
11	09-48-1114	A-41815-0011
12	09-48-1124	A-41815-0012
13	09-48-1134	A-41815-0013
14	09-48-1144	A-41815-0014
15	09-48-1154	A-41815-0015

Material No	Engineer Number
09-48-5024	A-41815-0016
09-48-5034	A-41815-0017
09-48-5044	A-41815-0018
09-48-5054	A-41815-0019
09-48-5064	A-41815-0020
09-48-5074	A-41815-0021
09-48-5084	A-41815-0022
09-48-5094	A-41815-0023
09-48-5104	A-41815-0024
09-48-5114	A-41815-0025
09-48-5124	A-41815-0026
09-48-5134	A-41815-0027
09-48-5144	A-41815-0028
09-48-5154	A-41815-0029

Material No	Engineer Number
09-48-4029	A-41815-0030
09-48-4039	A-41815-0031
09-48-4049	A-41815-0032
09-48-4059	A-41815-0033
09-48-4069	A-41815-0034
09-48-4079	A-41815-0035
09-48-4089	A-41815-0036
09-48-4099	A-41815-0037
09-48-4109	A-41815-0038
09-48-4119	A-41815-0039
09-48-4129	A-41815-0040
09-48-4139	A-41815-0041
09-48-4149	A-41815-0042
09-48-4159	A-41815-0043

Material No	Engineer Number
09-48-5026	A-41815-0044
09-48-5036	A-41815-0045
09-48-5046	A-41815-0046
09-48-5056	A-41815-0047
09-48-5066	A-41815-0048
09-48-5076	A-41815-0049
09-48-5086	A-41815-0050
09-48-5096	A-41815-0051
09-48-5106	A-41815-0052
09-48-5116	A-41815-0053
09-48-5126	A-41815-0054
09-48-5136	A-41815-0055
09-48-5146	A-41815-0056
09-48-5156	A-41815-0057

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/29	10:22:15
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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: OBSOLETE PART NUMBER						molex									
MM/INCH		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)										EC NO: 651926									
		MM		INCH		DRWN: ABHISP1				2020/12/09									
4 PLACES		±		±		CHK'D: GGA				2020/12/29									
3 PLACES		±		± 0.01		APPR: GGA				2020/12/29									
2 PLACES		± 0.25		± 0.015		INITIAL REVISION:				DOCUMENT NUMBER									
1 PLACE		± 0.38		±		DRWN: SAMIEC				SDA-41815									
0 PLACES		±		±		APPR: SAMIEC				PSD 000 AR									
ANGULAR TOL		± 0.5°		±		THIRD ANGLE PROJECTION				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						B-SIZE		41815		SEE TABLE		GENERAL MARKET		2 OF 11					

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-208B
Term Matl:	PHOS BRONZE
Plating:	208 – 15 GOLD
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2188-1-P909
Term Matl:	BRASS
Plating:	P909 – TIN
Dim C:	(3.18) / .125
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-AA-A1AA-P909B
Term Matl:	BRASS
Plating:	P909 – TIN
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	YES
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2	09-48-4028	A-41815-0058
3	09-48-4038	A-41815-0059
4	09-48-4048	A-41815-0060
5	09-48-4058	A-41815-0061
6	09-48-4068	A-41815-0062
7	09-48-4078	A-41815-0063
8	09-48-4088	A-41815-0064
9	09-48-4098	A-41815-0065
10	09-48-4108	A-41815-0066
11	09-48-4118	A-41815-0067
12	09-48-4128	A-41815-0068
13	09-48-4138	A-41815-0069
14	09-48-4148	A-41815-0070
15	09-48-4158	A-41815-0071

Material No	Engineer Number
09-48-5025	A-41815-0072
09-48-5035	A-41815-0073
09-48-5045	A-41815-0074
09-48-5055	A-41815-0075
09-48-5065	A-41815-0076
09-48-5075	A-41815-0077
09-48-5085	A-41815-0078
09-48-5095	A-41815-0079
09-48-5105	A-41815-0080
09-48-5115	A-41815-0081
09-48-5125	A-41815-0082
09-48-5135	A-41815-0083
09-48-5145	A-41815-0084
09-48-5155	A-41815-0085

Material No	Engineer Number
09-48-2022	A-41815-0100
09-48-2032	A-41815-0101
09-48-2042	A-41815-0102
09-48-2052	A-41815-0103
09-48-2062	A-41815-0104
09-48-2072	A-41815-0105
09-48-2082	A-41815-0106
09-48-2092	A-41815-0107
09-48-2102	A-41815-0108
09-48-2112	A-41815-0109
09-48-2122	A-41815-0110
09-48-2132	A-41815-0111
09-48-2142	A-41815-0112
09-48-2152	A-41815-0113

Material No	Engineer Number
09-48-2025	A-41815-0114
09-48-2035	A-41815-0115
09-48-2045	A-41815-0116
09-48-2055	A-41815-0117
09-48-2065	A-41815-0118
09-48-2075	A-41815-0119
09-48-2085	A-41815-0120
09-48-2095	A-41815-0121
09-48-2105	A-41815-0122
09-48-2115	A-41815-0123
09-48-2125	A-41815-0124
09-48-2135	A-41815-0125
09-48-2145	A-41815-0126
09-48-2155	A-41815-0127

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/29	10:22:15
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FUNCTIONAL SYMBOLS	MM/INCH	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER							
FA = 0	MM/INCH	NTS								
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
FE = 0		MM	INCH							
	4 PLACES	±		±						
	3 PLACES	±		± 0.01						
	2 PLACES	±	0.25	± 0.015						
	1 PLACE	±	0.38	±						
	0 PLACES	±		±						
DIVISIONAL SYMBOLS	ANGULAR TOL		±	0.5°						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
					B-SIZE	41815	SEE TABLE	GENERAL MARKET	3 OF 11	
			EC NO: 651926				2020/12/09			
			DRWN: ABHISP1				2020/12/29			
			CHK'D: GGA				2020/12/29			
			APPR: GGA				2020/12/29			
			INITIAL REVISION:							
			DRWN: SAMIEC				1987/01/28			
			APPR: SAMIEC				1987/01/28			
			DOCUMENT NUMBER				SDA-41815	DOC TYPE	DOC PART	REVISION
							PSD	000	AR	

molex

KK 156 HOUSING PCB
41815 SERIES

PRODUCT CUSTOMER DRAWING

Assy. Proc:	
Housing No:	
Options	
Terminal No:	
Term Matl:	
Plating:	
Dim C:	
Voids:	
Hooks Cut:	
Packaging:	

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	6298-197
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(4.06) / .160
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2188-1-228
Term Matl:	BRASS
Plating:	228 – GOLD
Dim C:	(3.18) / .125
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-AA-A1AA-P909B
Term Matl:	BRASS
Plating:	P909 – TIN
Dim C:	(3.68) / .145
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Material No	Engineer Number
09-48-4021	A-41815-0170
09-48-4031	A-41815-0171
09-48-4041	A-41815-0172
09-48-4051	A-41815-0173
09-48-4061	A-41815-0174
09-48-4071	A-41815-0175
09-48-4081	A-41815-0176
09-48-4091	A-41815-0177
09-48-4101	A-41815-0178
09-48-4111	A-41815-0179
09-48-4121	A-41815-0180
09-48-4131	A-41815-0181
09-48-4141	A-41815-0182
09-48-4151	A-41815-0183

Material No	Engineer Number
41815-0184	A-41815-0184
09-48-5050	A-41815-0187
41815-0188	A-41815-0188
41815-0189	A-41815-0189
09-48-5080	A-41815-0190
41815-0191	A-41815-0191
09-48-5100	A-41815-0192
41815-0193	A-41815-0193
41815-0194	A-41815-0194
41815-0195	A-41815-0195
41815-0196	A-41815-0196
41815-0197	A-41815-0197

Material No	Engineer Number
09-48-2021	A-41815-0198
09-48-2031	A-41815-0199
09-48-2041	A-41815-0200
09-48-2051	A-41815-0201
09-48-2061	A-41815-0202
09-48-2071	A-41815-0203
09-48-2081	A-41815-0204
09-48-2091	A-41815-0205
09-48-2101	A-41815-0206
09-48-2111	A-41815-0207
09-48-2121	A-41815-0208
09-48-2131	A-41815-0209
09-48-2141	A-41815-0210
09-48-2151	A-41815-0211

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: OBSOLETE PART NUMBER									
MM/INCH					NTS					<p>molex</p> <p>KK 156 HOUSING PCB 41815 SERIES</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>EC NO: 651926 DRWN: ABHISP1 CHK'D: GGA APPR: GGA</p> <p>INITIAL REVISION: DRWN: SAMIEC APPR: SAMIEC</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>									
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
4 PLACES		±		MM		±		INCH											
3 PLACES		±		MM		±		0.01											
2 PLACES		±		MM		±		0.015											
1 PLACE		±		MM		±		0.38											
0 PLACES		±		MM		±													
ANGULAR TOL					± 0.5°					THIRD ANGLE PROJECTION									
DRAWING					SERIES					MATERIAL NUMBER									
B-SIZE					41815					SEE TABLE									
CUSTOMER					GENERAL MARKET					SHEET NUMBER									
										4 OF 11									

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-AA-A1AA-P909B
Term Matl:	BRASS
Plating:	P909 – TIN
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-AA-A1AA-208B
Term Matl:	BRASS
Plating:	208 – 15 GOLD
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-P909B
Term Matl:	PHOS BRONZE
Plating:	P909 – TIN
Dim C:	(3.68) / .145
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	6298-1-P909
Term Matl:	PHOS BRONZE
Plating:	P909 – TIN
Dim C:	(3.18) / .125
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2	09-48-2023	A-41815-0453
3	09-48-2033	A-41815-0454
4	09-48-2043	A-41815-0455
5	09-48-2053	A-41815-0456
6	09-48-2063	A-41815-0457
7	09-48-2073	A-41815-0458
8	09-48-2083	A-41815-0459
9	09-48-2093	A-41815-0460
10	09-48-2103	A-41815-0461
11	09-48-2113	A-41815-0462
12	09-48-2123	A-41815-0463
13	09-48-2133	A-41815-0464
14	09-48-2143	A-41815-0465
15	09-48-2153	A-41815-0466

Material No	Engineer Number
09-48-3026	A-41815-0467
09-48-3036	A-41815-0468
09-48-3046	A-41815-0469
09-48-3056	A-41815-0470
09-48-3066	A-41815-0471
09-48-3076	A-41815-0472
09-48-3086	A-41815-0473
09-48-3096	A-41815-0474
09-48-3106	A-41815-0475
09-48-3116	A-41815-0476
09-48-3126	A-41815-0477
09-48-3136	A-41815-0478
09-48-3146	A-41815-0479
09-48-3156	A-41815-0480

Material No	Engineer Number
09-48-2020	A-41815-0481
09-48-2030	A-41815-0482
09-48-2040	A-41815-0483
09-48-2050	A-41815-0484
09-48-2060	A-41815-0485
09-48-2070	A-41815-0486
09-48-2080	A-41815-0487
09-48-2090	A-41815-0488
09-48-2100	A-41815-0489
09-48-2110	A-41815-0490
09-48-2120	A-41815-0491
09-48-2130	A-41815-0492
09-48-2140	A-41815-0493
09-48-2150	A-41815-0494

Material No	Engineer Number
09-48-2039	A-41815-0496
09-48-2049	A-41815-0497
09-48-2059	A-41815-0498
09-48-2079	A-41815-0500
09-48-2089	A-41815-0501
09-48-2099	A-41815-0502
09-48-2119	A-41815-0504
09-48-2139	A-41815-0506
09-48-2149	A-41815-0507
09-48-2159	A-41815-0508

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: OBSOLETE PART NUMBER						molex									
MM/INCH		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)										EC NO: 651926									
		MM		INCH		DRWN: ABHISP1				2020/12/09									
4 PLACES		±		±		CHK'D: GGA				2020/12/29									
3 PLACES		±		± 0.01		APPR: GGA				2020/12/29									
2 PLACES		± 0.25		± 0.015		INITIAL REVISION:				DOCUMENT NUMBER									
1 PLACE		± 0.38		±		DRWN: SAMIEC				SDA-41815									
0 PLACES		±		±		APPR: SAMIEC				PSD 000 AR									
ANGULAR TOL		± 0.5°		±		THIRD ANGLE PROJECTION				SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										B-SIZE		41815		SEE TABLE		GENERAL MARKET		7 OF 11	

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-P909B
Term Matl:	PHOS BRONZE
Plating:	P909 – TIN
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	YES
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-208B
Term Matl:	PHOS BRONZE
Plating:	208 – 15 GOLD
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	YES
Packaging:	PK-41815-001 TRAY


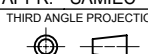
Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2188-1-208
Term Matl:	BRASS
Plating:	208 – 15 GOLD
Dim C:	(3.18) / .125
Voids:	TERMINAL VOID 2
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2	09-48-2028	A-41815-0509
3	09-48-2038	A-41815-0510
4	09-48-2048	A-41815-0511
5	09-48-2058	A-41815-0512
6	09-48-2068	A-41815-0513
7	09-48-2078	A-41815-0514
8	09-48-2088	A-41815-0515
9	09-48-2098	A-41815-0516
10	09-48-2108	A-41815-0517
11	09-48-2118	A-41815-0518
12	09-48-2128	A-41815-0519
13	09-48-2138	A-41815-0520
14	09-48-2148	A-41815-0521
15	09-48-2158	A-41815-0522

Material No	Engineer Number
09-48-5028	A-41815-0523
09-48-5038	A-41815-0524
09-48-5048	A-41815-0525
09-48-5058	A-41815-0526
09-48-5068	A-41815-0527
09-48-5078	A-41815-0528
09-48-5088	A-41815-0529
09-48-5098	A-41815-0530
09-48-5108	A-41815-0531
09-48-5118	A-41815-0532
09-48-5128	A-41815-0533
09-48-5138	A-41815-0534
09-48-5148	A-41815-0535
09-48-5158	A-41815-0536

Material No	Engineer Number
09-48-1035	A-41815-0538
09-48-1045	A-41815-0539
09-48-1055	A-41815-0540
09-48-1065	A-41815-0541
09-48-1075	A-41815-0542
09-48-1085	A-41815-0543
09-48-1095	A-41815-0544
09-48-1105	A-41815-0545
09-48-1115	A-41815-0546
09-48-1125	A-41815-0547
09-48-1135	A-41815-0548
09-48-1145	A-41815-0549
09-48-1155	A-41815-0550

Material No	Engineer Number
41815-0551	41815-0551
41815-0552	41815-0552
41815-0553	41815-0553
41815-0554	41815-0554
41815-0555	41815-0555
41815-0556	41815-0556
41815-0557	41815-0557
41815-0558	41815-0558
41815-0559	41815-0559
41815-0560	41815-0560
41815-0561	41815-0561
41815-0562	41815-0562
41815-0563	41815-0563

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: OBSOLETE PART NUMBER						 KK 156 HOUSING PCB 41815 SERIES PRODUCT CUSTOMER DRAWING									
MM/INCH		NTS		EC NO: 651926															
GENERAL TOLERANCES (UNLESS SPECIFIED)				DRWN: ABHISP1 2020/12/09															
				CHK'D: GGA 2020/12/29															
DIVISIONAL SYMBOLS				MM		INCH		APPR: GGA 2020/12/29											
4 PLACES ±								INITIAL REVISION:											
3 PLACES ±								DRWN: SAMIEC 1987/01/28											
2 PLACES ±		0.25		±		0.015		APPR: SAMIEC 1987/01/28											
1 PLACE ±		0.38		±				DOCUMENT NUMBER											
0 PLACES ±								SDA-41815											
ANGULAR TOL ±		0.5°						DOC TYPE		DOC PART		REVISION							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						B-SIZE		41815		SEE TABLE		GENERAL MARKET		8 OF 11					

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-DN
Options	WITHOUT RAMPS
Terminal No:	6298-1-197
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	3.18 / .125
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-DN
Options	WITHOUT RAMPS
Terminal No:	6298-1-197
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	3.18 / .125
Voids:	TERMINAL VOID 2
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-A15-7
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(3.68) / .145
Voids:	TERMINAL VOID 7
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-DN
Options	WITHOUT RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(3.05)/.120
Voids:	NONE
Hooks Cut:	YES
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2	41815-0564	A-41815-0564
3	41815-0565	A-41815-0565
4	41815-0566	A-41815-0566
5	41815-0567	A-41815-0567
6	41815-0568	A-41815-0568
7	41815-0569	A-41815-0569
8	41815-0570	A-41815-0570
9	41815-0571	A-41815-0571
10	41815-0572	A-41815-0572
11	41815-0573	A-41815-0573
12	41815-0574	A-41815-0574
13	41815-0575	A-41815-0575
14	41815-0576	A-41815-0576
15	41815-0577	A-41815-0577

Material No	Engineer Number
41815-0579	A-41815-0579
41815-0580	A-41815-0580
41815-0581	A-41815-0581
41815-0582	A-41815-0582
41815-0583	A-41815-0583
41815-0584	A-41815-0584
41815-0585	A-41815-0585
41815-0586	A-41815-0586
41815-0587	A-41815-0587
41815-0588	A-41815-0588
41815-0589	A-41815-0589
41815-0590	A-41815-0590
41815-0591	A-41815-0591

Material No	Engineer Number
41815-0600	A-41815-0600

Material No	Engineer Number
41815-0601	A-41815-0601
41815-0602	A-41815-0602
41815-0605	A-41815-0605

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: OBSOLETE PART NUMBER														
MM/INCH					NTS					<p>molex</p> <p>KK 156 HOUSING PCB 41815 SERIES</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SDA-41815 DOC TYPE: PSD DOC PART: 000 REVISION: AR</p> <p>MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 9 OF 11</p>														
GENERAL TOLERANCES (UNLESS SPECIFIED)																								
4 PLACES ±					MM															INCH				
3 PLACES ±					± 0.01																			
2 PLACES ±					± 0.25					± 0.015														
1 PLACE ±					± 0.38					±														
0 PLACES ±					±					±														
ANGULAR TOL					± 0.5°					INITIAL REVISION:														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION					DRAWING					SERIES									
										B-SIZE					41815									

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-DN
Options	WITHOUT RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(3.68) / .145
Voids:	NONE
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	TOP ENTRY
Housing No:	41815-N-DN
Options	WITHOUT RAMP
Terminal No:	2144-AA-A1AA-P909B
Term Matl:	BRASS
Plating:	P909 – TIN
Dim C:	(3.05) / .120
Voids:	NONE
Hooks Cut:	YES
Packaging:	PK-41815-001 TRAY

Assy. Proc:	RIGHT ANGLE
Housing No:	41815-N-AN
Options	WITH RAMP
Terminal No:	2144-BA-A1AA-197B
Term Matl:	PHOS BRONZE
Plating:	197 TIN
Dim C:	(3.68) / .145
Voids:	TERMINAL VOID 2, 4
Hooks Cut:	NO
Packaging:	PK-41815-001 TRAY

Assy. Proc:	BOTTOM ENTRY
Housing No:	41815-N-DN
Options	WITHOUT RAMP
Terminal No:	6298-197
Term Matl:	PHOS BRONZE
Plating:	197 – TIN
Dim C:	(4.06) / .160
Voids:	NONE
Hooks Cut:	YES
Packaging:	PK-41815-001 TRAY

Ckts	Material No	Engineer Number
2	41815-0630	A-41815-0630
3	41815-0631	A-41815-0631
4	41815-0632	A-41815-0632
5	41815-0633	A-41815-0633
6	41815-0634	A-41815-0634
7	41815-0635	A-41815-0635
8	41815-0636	A-41815-0636
9	41815-0637	A-41815-0637
10	41815-0638	A-41815-0638
11	41815-0639	A-41815-0639
12	41815-0640	A-41815-0640
13	41815-0641	A-41815-0641
14	41815-0642	A-41815-0642
15	41815-0643	A-41815-0643

Material No	Engineer Number
41815-0646	A-41815-0646
41815-0661	A-41815-0661

Material No	Engineer Number
41815-0661	A-41815-0661

Material No	Engineer Number
41815-0672	A-41815-0672
41815-0674	A-41815-0674

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER			
FA = 0		MM/INCH		NTS					
FE = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
FD = 0		MM		INCH					
DIVISIONAL SYMBOLS		4 PLACES ±		±		EC NO: 651926			
		3 PLACES ±		± 0.01		DRWN: ABHISP1 2020/12/09			
		2 PLACES ±		± 0.25 ± 0.015		CHK'D: GGA 2020/12/29			
		1 PLACE ±		± 0.38 ±		APPR: GGA 2020/12/29			
		0 PLACES ±		±		INITIAL REVISION:			
		ANGULAR TOL ±		± 0.5°		DRWN: SAMIEC 1987/01/28			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
						B-SIZE		41815	
						MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		GENERAL MARKET	
						DOCUMENT NUMBER		REVISION	
						SDA-41815		PSD 000 AR	
						SHEET NUMBER		10 OF 11	

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KK 156 HOUSING PCB
41815 SERIES

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SDA-41815
DOC TYPE: PSD
DOC PART: 000
REVISION: AR

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