

- NOTES:
1. MATERIAL: SEE TABLE
  2. FINISHES: SEE TABLE
  3. PRODUCT SPECIFICATION: NOT REQUIRED
  4. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
  5. SEE DRAWING E-38009-006 FOR ITEM 7 SPECS.
  6. MUST BE 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

7	"A"	MARKER STRIP, STYLE 101	FIBRE STRIP	BLACK
6	XX*2	SCREW, #6-32X.250, PAN HD, PHIL-SLOT W/WSHR (-50 OPT)	STEEL	ZN, CLEAR CHROMATE
5	XX*2	SCREW, #6-32X.250, BGHD, PHIL-SLOT (-49 OPTION)	BRASS	NICKEL PLATE
4	XX*2	SCREW, #6-32X.250, BGHD, PHIL-SLOT (STANDARD)	STEEL	ZN, CLEAR CHROMATE
3	XX	TERMINAL PLATE (-49 OPTION)	BRASS	TIN PLATE
2	XX	TERMINAL PLATE	BRASS	NICKEL PLATE
1	1	INSULATOR	POLYESTER (PBT)	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:  $\nabla_A = 0$ ,  $\nabla_E = 0$ ,  $\nabla_F = 0$

DIVISIONAL SYMBOLS: 4 PLACES, 3 PLACES, 2 PLACES, 1 PLACE, 0 PLACES

ANGULAR TOL: ± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED): MM, INCH

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

EC NO: 640206  
 DRWN: ABENJAMINLW  
 CHK'D: MBRZOZOWSKI  
 APPR: JFMURPHY

INITIAL REVISION:  
 DRWN: JENCINAS  
 APPR: JMACNEIL

DATE: 2020/04/30  
 DATE: 2020/05/13  
 DATE: 2020/07/03

THIRD ANGLE PROJECTION

DRAWING: B-SIZE

SERIES: 38769

DOCUMENT NUMBER: SD-38769-004

DOC TYPE: PSD

DOC PART: 001

REVISION: A1

MATERIAL NUMBER: SEE CHART

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 2


**molex**

9.53MM [0.375] DOUBLE ROW  
 BTS ASSEMBLY W/BONDED MARKER STRIP

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]			
3	45.2	[1.78]	19.05	.[750]	38.1	[1.50]	30.9	[1.22]	387690017		387690022
4	54.7	[2.16]	28.58	[1.125]	47.6	[1.88]	40.4	[1.59]			
5	64.3	[2.53]	38.10	[1.500]	57.2	[2.25]	49.9	[1.97]	387690045		
6	73.8	[2.91]	47.63	[1.875]	66.7	[2.63]	59.4	[2.34]	387690062		387690059
7	83.3	[3.28]	57.15	[2.250]	76.2	[3.00]	69.0	[2.72]			
8	92.8	[3.66]	66.68	[2.625]	85.7	[3.38]	78.5	[3.09]	387690076	387690073	
9	102.4	[4.03]	76.20	[3.000]	95.3	[3.75]	88.0	[3.47]			
10	111.9	[4.41]	85.73	[3.375]	104.8	[4.13]	97.5	[3.84]	387690097	387690108	
11	121.4	[4.78]	95.25	[3.750]	114.3	[4.50]	107.1	[4.22]			
12	130.9	[5.16]	104.78	[4.125]	123.8	[4.88]	116.6	[4.59]	387690215		
13	140.5	[5.53]	114.30	[4.500]	133.4	[5.25]	126.1	[4.97]			
14	150.0	[5.91]	123.83	[4.875]	142.9	[5.63]	135.6	[5.34]			
15	159.5	[6.28]	133.35	[5.250]	152.4	[6.00]	145.2	[5.72]			
16	169.0	[6.66]	142.88	[5.625]	161.9	[6.38]	154.7	[6.09]			
17	178.6	[7.03]	152.40	[6.000]	171.5	[6.75]	164.2	[6.47]			
18	188.1	[7.41]	161.93	[6.375]	181.0	[7.13]	173.7	[6.84]			
19	197.6	[7.78]	171.45	[6.750]	190.5	[7.50]	183.3	[7.22]			
20	207.1	[8.16]	180.98	[7.125]	200.0	[7.88]	192.8	[7.59]			
21	216.7	[8.53]	190.50	[7.500]	209.6	[8.25]	202.3	[7.97]			
22	226.2	[8.91]	200.03	[7.875]	219.1	[8.63]	211.8	[8.34]			
23	235.7	[9.28]	209.55	[8.250]	228.6	[9.00]	221.4	[8.72]			
24	245.2	[9.66]	219.08	[8.625]	238.1	[9.38]	230.8	[9.09]			
25	254.2	[10.03]	228.60	[9.000]	247.7	[9.75]	240.4	[9.47]			
26	264.3	[10.41]	238.13	[9.375]	257.2	[10.13]	249.9	[9.84]			
27	273.8	[10.78]	247.65	[9.750]	266.7	[10.50]	259.5	[10.22]			
28	283.3	[11.16]	257.18	[10.125]	276.2	[10.88]	269.0	[10.59]			
29	292.9	[11.53]	266.70	[10.500]	285.8	[11.25]	278.5	[10.97]			
30	302.4	[11.91]	276.23	[10.875]	295.3	[11.63]	288.0	[11.34]	387690159		

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
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>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																			
MM/INCH				2:1																							
GENERAL TOLERANCES (UNLESS SPECIFIED)												EC NO: 640206 DRWN: ABENJAMINLW 2020/04/30 CHK'D: MBRZOZOWSKI 2020/05/13 APPR: JFMURPHY 2020/07/03 INITIAL REVISION: DRWN: JENCINAS 2009/08/21 APPR: JMACNEIL 2009/09/14															
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		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
																B-SIZE		38769		SEE CHART		GENERAL MARKET		2 OF 2			
												9.53MM [.375] DOUBLE ROW BTS ASSEMBLY W/BONDED MARKER STRIP				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-38769-004 DOC TYPE: PSD DOC PART: 001 REVISION: A1											