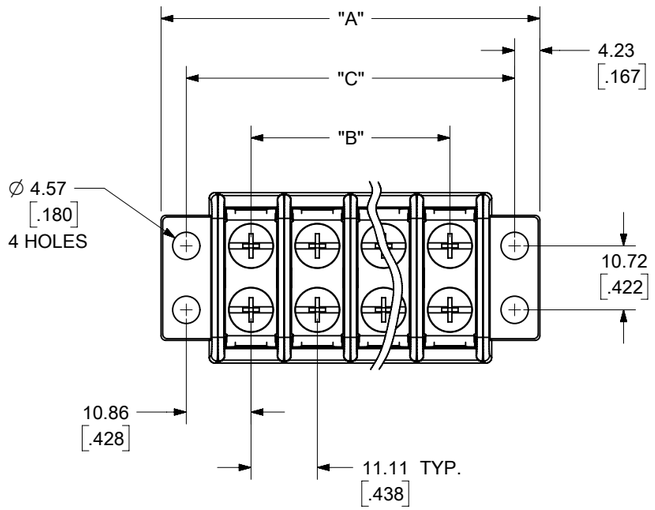
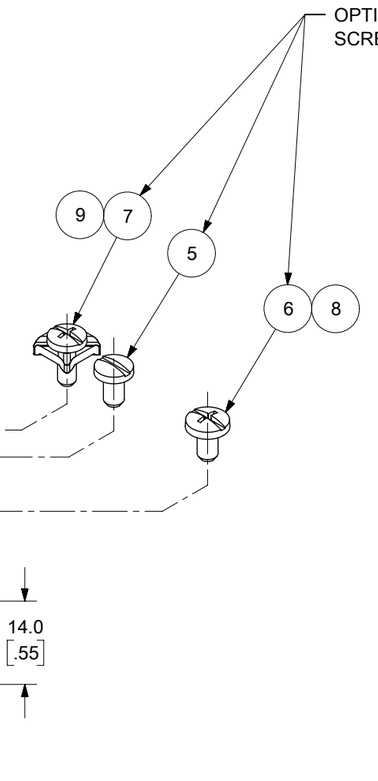
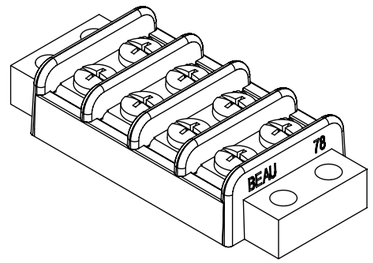


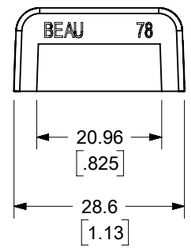




4 CIRCUIT SHOWN

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES : SEE TABLE
3. "XX" REFERS TO THE NUMBER OF CIRCUITS.
4. ALL COMPONENTS ARE 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

9	2(XX)	SCREW W/WASHER, #6-32, PHIL-SLOT (OPT -49 -50)	BRASS	NICKEL PLATED
8	2(XX)	SCREW, #6-32, PHIL-SLOT (OPT -56)	STAINLESS STEEL	STAINLESS STEEL (F2)
7	2(XX)	SCREW W/WASHER, #6-32, PHIL-SLOT (OPT -50)	STEEL	ZN, CLEAR CHROMATE
6	2(XX)	SCREW, #6-32, PHIL-SLOT (OPT -49)	BRASS	NICKEL PLATED
5	2(XX)	SCREW, #6-32, SLOTTED (OPT -45)	STEEL	ZN, CLEAR CHROMATE
4	2(XX)	SCREW, #6-32, PHIL-SLOT (STD)	STEEL	ZN, CLEAR CHROMATE
3	XX	TERMINAL (USE W/OPT -49 SCREW)	BRASS	TIN PLATED
2	XX	TERMINAL, PLATE	BRASS	NICKEL PLATED
1	1	INSULATOR, DOUBLE ROW	THERMOPLASTIC	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS | P1 | RELEASE DATE | 2020/09/23 23:40:24

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0
DIVISIONAL SYMBOLS

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

DIMENSION UNITS: MM/INCH | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	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

CURRENT REV DESC: ADDED ITEM#8 (STAINLESS SCREW)

EC NO: 645040
DRWN: ABENJAMINLW 2020/06/12
CHK'D: DACHAMMER 2020/06/15
APPR: JFMURPHY 2020/09/23

INITIAL REVISION:
DRWN: CYORK 2006/01/23
APPR: RDEROSS 2006/01/23

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 38780

molex

11.11MM [.438] DR BTS, CB ASY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38780-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET-2	GENERAL MARKET	1 OF 2

FORMAT: Eng-legal-portrait-prod-B
REVISION: E
DATE: 2020/01/14

F2

NO. OF CIRCUITS "XX"	DIM. "A" MM	DIM. "A" IN	DIM. "B" MM	DIM. "B" IN	DIM. "C" MM	DIM. "C" IN	MATERIAL NO. (STD)	MATERIAL NO. (-45 OPT)	MATERIAL NO. (-49 OPT)	MATERIAL NO. (-50 OPT)	MATERIAL NO. (-56 OPT)	MATERIAL NO. (-10A IMP OPT)	MATERIAL NO. (-49 -50 OPT)
02	41.3	[1.62]	11.11	[.438]	32.83	[1.293]	387800102		387800202	387800302	387890014	387800502	387890401
03	52.4	[2.06]	22.23	[.875]	43.94	[1.730]	387800103	387890206	387800203	387800303	387890032	387800503	
04	63.5	[2.50]	33.34	[1.313]	55.05	[2.168]	387800104	387890207	387800204	387800304	387890039	387800504	387890402
05	74.6	[2.94]	44.45	[1.750]	66.17	[2.605]	387800105		387800205	387800305	387890067	387800505	
06	85.7	[3.37]	55.56	[2.188]	77.28	[3.043]	387800106	387890209	387800206	387800306	387890075	387800506	
07	96.8	[3.81]	66.68	[2.625]	88.39	[3.480]	387800107		387800207	387800307	387890285	387800507	
08	107.9	[4.25]	77.79	[3.063]	99.50	[3.918]	387800108	387890211	387800208	387800308	387890095	387800508	387890403
09	119.0	[4.69]	88.90	[3.500]	110.62	[4.355]	387800109		387800209	387800309	387890290	387800509	
10	130.2	[5.12]	100.01	[3.938]	121.73	[4.793]	387800110		387800210	387800310	387890120	387800510	
11	141.3	[5.56]	111.13	[4.375]	132.84	[5.230]	387800111		387800211	387800311	387890132	387800511	
12	152.4	[6.00]	122.24	[4.813]	143.95	[5.668]	387800112		387800212	387800312	387890134	387800512	387890404
13	163.5	[6.44]	133.35	[5.250]	155.07	[6.105]	387800113		387800213	387800313		387800513	
14	174.6	[6.87]	144.46	[5.688]	166.18	[6.543]	387800114		387800214	387800314	387890151	387800514	
15	185.7	[7.31]	155.58	[6.125]	177.29	[6.980]	387800115		387800215	387800315	387890153	387800515	
16	196.8	[7.75]	166.69	[6.563]	188.40	[7.418]	387800116	387890212	387800216	387800316	387890159	387800516	
17	207.9	[8.19]	177.80	[7.000]	199.52	[7.855]	387800117		387800217	387800317	387890161	387800517	
18	219.1	[8.62]	188.91	[7.438]	210.63	[8.293]	387800118		387800218	387800318	387890165	387800518	
19	230.2	[9.06]	200.03	[7.875]	221.74	[8.730]	387800119		387800219	387800319		387800519	
20	241.3	[9.50]	211.14	[8.313]	232.85	[9.168]	387800120		387800220	387800320	387890174	387800520	387890405
21	252.4	[9.94]	222.25	[8.750]	243.97	[9.605]	387800121		387800221	387800321		387800521	
22	263.5	[10.37]	233.36	[9.188]	255.08	[10.043]	387800122		387800222	387800322	387890180	387800522	
23	274.6	[10.81]	244.48	[9.625]	266.19	[10.480]	387800123		387800223	387800323		387800523	
24	285.7	[11.25]	255.59	[10.063]	277.30	[10.918]	387800124		387800224	387800324	387890184	387800524	
25	296.8	[11.69]	266.70	[10.500]	288.42	[11.355]	387800125		387800225	387800325	387890262	387800525	
26	308.0	[12.12]	277.81	[10.938]	299.53	[11.793]	387800126		387800226	387800326	387890186	387800526	
27	319.1	[12.56]	288.93	[11.375]	310.64	[12.230]	387800127		387800227	387800327		387800527	
28	330.2	[13.00]	300.04	[11.813]	321.75	[12.668]	387800128		387800228	387800328		387800528	
29	341.3	[13.44]	311.15	[12.250]	332.87	[13.105]	387800129		387800229	387800329		387800529	
30	352.4	[13.87]	322.26	[12.688]	343.98	[13.543]	387800130		387800230	387800330	387890188	387800530	

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DRAWING: B-SIZE
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PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38780-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/23 23:40:24

FORMAT: Eng-legal-portrait-prod-B
REVISION: E
DATE: 2020/01/14