



- 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
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

(F2)

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512245.	
FA = 0	MM/INCH	SCALE	1:1	EC NO: 739748	
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SANTHN 2023/02/22		
FD = 0	4 PLACES ±		MM	INCH	2023/02/24
DIVISIONAL SYMBOLS		3 PLACES ±		SEE CHART	2023/02/24
		2 PLACES ±		SEE CHART	2023/02/24
		1 PLACE ±		SEE CHART	
		0 PLACES ±		SEE CHART	
		ANGULAR TOL ± °		INITIAL REVISION:	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: CYORK 2006/01/23	
		THIRD ANGLE PROJECTION		APPR: RDEROSS 2006/01/23	
		DRAWING		SERIES	
		B-SIZE		38780	
		MATERIAL NUMBER		CUSTOMER	
		SEE CHART		GENERAL MARKET	
		DOCUMENT NUMBER		SHEET NUMBER	
		SD-38780-001		1 OF 2	
		DOC TYPE		DOC PART	
		PSD		001	
		REVISION		F3	

F2

NO. OF CIRCUITS "XX"	DIM. "A"		DIM. "B"		DIM. "C"		MATERIAL NO. (STD)	MATERIAL NO. (-49 OPT)	MATERIAL NO. (-50 OPT)	MATERIAL NO. (-56 OPT)	MATERIAL NO. (-10A IMP OPT)	MATERIAL NO. (-49 -50 OPT)
	MM	IN	MM	IN	MM	IN						
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	387800203	387800303	387890032	---	---
04	63.5	[2.50]	33.34	[1.313]	55.05	[2.168]	387800104	387800204	387800304	387890039	---	387890402
05	74.6	[2.94]	44.45	[1.750]	66.17	[2.605]	387800105	---	387800305	387890067	---	---
06	85.7	[3.37]	55.56	[2.188]	77.28	[3.043]	387800106	387800206	387800306	387890075	---	---
07	96.8	[3.81]	66.68	[2.625]	88.39	[3.480]	387800107	---	387800307	387890285	387800507	---
08	107.9	[4.25]	77.79	[3.063]	99.50	[3.918]	387800108	387800208	387800308	387890095	387800508	387890403
09	119.0	[4.69]	88.90	[3.500]	110.62	[4.355]	387800109	---	---	387890290	387800509	---
10	130.2	[5.12]	100.01	[3.938]	121.73	[4.793]	387800110	---	387800310	387890120	387800510	---
11	141.3	[5.56]	111.13	[4.375]	132.84	[5.230]	---	387800211	---	387890132	387800511	---
12	152.4	[6.00]	122.24	[4.813]	143.95	[5.668]	387800112	---	387800312	387890134	387800512	387890404
13	163.5	[6.44]	133.35	[5.250]	155.07	[6.105]	---	---	---	---	387800513	---
14	174.6	[6.87]	144.46	[5.688]	166.18	[6.543]	387800114	---	387800314	387890151	387800514	---
15	185.7	[7.31]	155.58	[6.125]	177.29	[6.980]	387800115	---	---	387890153	387800515	---
16	196.8	[7.75]	166.69	[6.563]	188.40	[7.418]	387800116	---	---	387890159	387800516	---
17	207.9	[8.19]	177.80	[7.000]	199.52	[7.855]	---	---	---	387890161	387800517	---
18	219.1	[8.62]	188.91	[7.438]	210.63	[8.293]	387800118	---	---	387890165	387800518	---
19	230.2	[9.06]	200.03	[7.875]	221.74	[8.730]	---	---	387800319	---	387800519	---
20	241.3	[9.50]	211.14	[8.313]	232.85	[9.168]	387800120	---	---	387890174	---	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	---	---	387890180	387800522	---
23	274.6	[10.81]	244.48	[9.625]	266.19	[10.480]	---	---	---	---	387800523	---
24	285.7	[11.25]	255.59	[10.063]	277.30	[10.918]	387800124	---	---	387890184	387800524	---
25	296.8	[11.69]	266.70	[10.500]	288.42	[11.355]	387800125	---	---	387890262	387800525	---
26	308.0	[12.12]	277.81	[10.938]	299.53	[11.793]	---	---	387800326	387890186	387800526	---
27	319.1	[12.56]	288.93	[11.375]	310.64	[12.230]	---	---	---	---	387800527	---
28	330.2	[13.00]	300.04	[11.813]	321.75	[12.668]	---	387800228	---	---	387800528	---
29	341.3	[13.44]	311.15	[12.250]	332.87	[13.105]	---	387800229	387800329	---	387800529	---
30	352.4	[13.87]	322.26	[12.688]	343.98	[13.543]	387800130	---	---	387890188	387800530	---

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	3 PLACES ±	±	SEE CHART
	2 PLACES ±	±	SEE CHART
	1 PLACE ±	±	SEE CHART
	0 PLACES ±	±	
	ANGULAR TOL ± °		
DIVISIONAL SYMBOLS		THIRD ANGLE PROJECTION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	B-SIZE
		SERIES	38780
		MATERIAL NUMBER	SEE CHART
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	2 OF 2

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512245.

EC NO: 739748

DRWN: SANTHN 2023/02/22

CHKD: GGA 2023/02/24

APPR: GGA 2023/02/24

INITIAL REVISION:

DRWN: CYORK 2006/01/23

APPR: RDEROSS 2006/01/23

molex

11.11MM [.438] DR BTS,
CB ASY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-38780-001

DOC TYPE | DOC PART | REVISION

PSD | 001 | F3