

NOTES:

1. MATERIAL:

- (A). SCREW: SEE LEGEND
(B). INSULATOR: PBT, UL94V-0
(C). TERMINAL: BRASS, TIN PLATED

2. NUMBER OF CIRCUIT POSITIONS AVAILABLE: 2 THROUGH 15

3. ELECTRICAL RATINGS:

- (A). MAXIMUM VOLTAGE: 600V
(B). MAXIMUM CURRENT: 50A

- (D). DIELECTRIC WITHSTAND VOLTAGE: 5000V AC

4. WIRE RANGE: 8 TO 20 AWG (SOLID OR STRANDED COPPER)

5. RECOMMENDED WIRE STRIP LENGTH: 0.32 IN. (8mm)

6. SCREW TORQUE: 16 LBF. IN. (1.8Nm)

7. OPERATING TEMPERATURE: -40°C TO +120°C

DOCUMENT STATUS	P1	RELEASE DATE	2024/01/17	01:16:10
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MATERIAL NUMBER LEGEND

389 XX X X XX

INSULATOR STYLE

69- NO MOUNTING ENDS

- NO. OF CIRCUITS

(02 - 15)

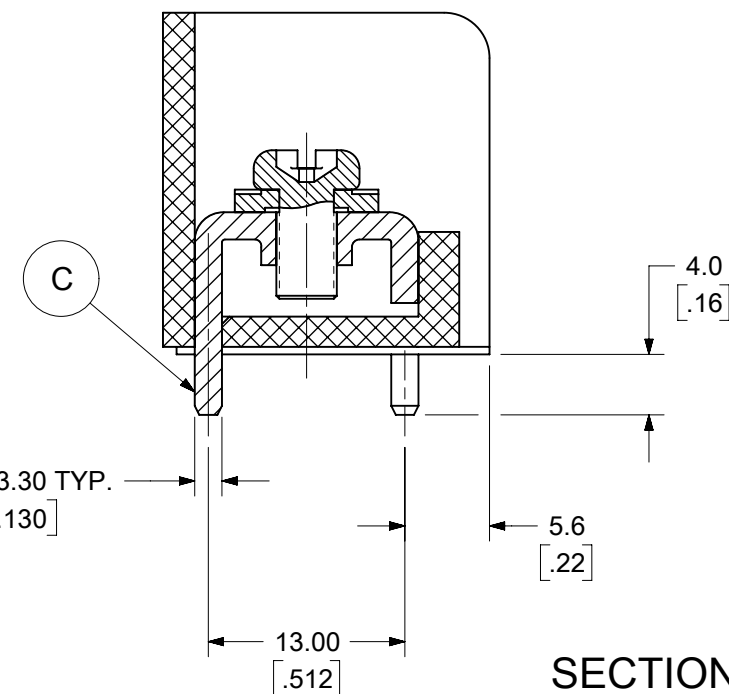
TERMINAL STYLE

0 - PC TAILS

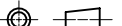
— SCREW STYLE

0 - M4 WITH SQUARE WASHER,
STEEL, NICKEL PLATED

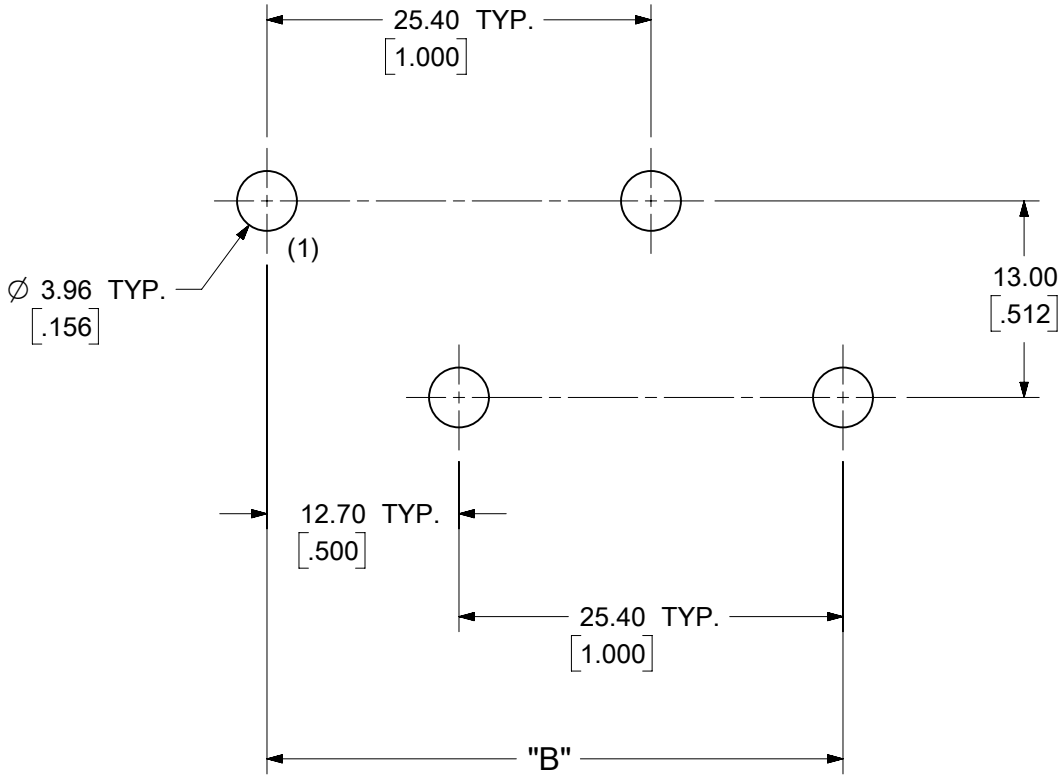
TERM. STYLE 0 - PC TAILS



SECTION A-A

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: MODIFIED NOTES 3(C) AND 3(D)			<div>molex</div>							
	MM/INCH		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)							12.70MM [.500] SINGLE ROW TRI-BARRIER TERMINAL STRIP							
		MM		INCH											
	<div>$\frac{F}{A} = 0$</div>	4 PLACES	±	---	±	---	EC NO: 773273 DRWN: ABENJAMINLW 2024/01/04 CHK'D: DACHAMMER 2024/01/04 APPR: JFMURPHY 2024/01/17								
	<div>$\frac{F}{C} = 0$</div>	3 PLACES	±	---	±	.005									
	<div>$\frac{F}{E} = 0$</div>	2 PLACES	±	0.13	±	.01									
	DIVISIONAL SYMBOLS	1 PLACE	±	0.3	±	---	INITIAL REVISION:								
		0 PLACES	±	---	±	---				DRWN: CLYORK 2006/11/22 APPR: JMACNEIL 2006/12/01					
ANGULAR TOL		±		2°											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		38969		SEE M/N LEGEND		GENERAL MARKET		1 OF 2	

RECOMMENDED PCB LAYOUT



QUANTITY OF CIRCUITS	DIM. "A"		DIM. "B"	
	mm	IN	mm	IN
02	27.9	1.10	12.70	.500
03	40.6	1.60	25.40	1.000
04	53.3	2.10	38.10	1.500
05	66.0	2.60	50.80	2.000
06	78.7	3.10	63.50	2.500
07	91.4	3.60	76.20	3.000
08	104.1	4.10	88.90	3.500
09	116.8	4.60	101.60	4.000
10	129.5	5.10	114.30	4.500
11	142.2	5.60	127.00	5.000
12	154.9	6.10	139.70	5.500
13	167.6	6.60	152.40	6.000
14	180.3	7.10	165.10	6.500
15	193.0	7.60	177.80	7.000

FUNCTIONAL SYMBOLS E _A = 0 E _C = 0 E _D = 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		SCALE		CURRENT REV DESC: MODIFIED NOTES 3(C) AND 3(D)											
	MM/INCH		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
			MM	INCH	EC NO: 773273 DRWN: ABENJAMINLW 2024/01/04 CHK'D: DACHAMMER 2024/01/04 APPR: JFMURPHY 2024/01/17 INITIAL REVISION: DRWN: CLYORK 2006/11/22 APPR: JMACNEIL 2006/12/01					12.70MM [.500] SINGLE ROW TRI-BARRIER TERMINAL STRIP						
	4 PLACES	±	---	±						PRODUCT CUSTOMER DRAWING						
	3 PLACES	±	---	±												
	2 PLACES	±	0.13	±												
	1 PLACE	±	0.3	±												
	0 PLACES	±	---	±												
	ANGULAR TOL		±	2°												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER					
						B-SIZE	38969	SEE M/N LEGEND		GENERAL MARKET	2 OF 2					