

(E)

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
 - (C). INSULATION RESISTANCE: 500MΩ PER MINUTE
 - (D). DIELECTRIC WITHSTAND VOLTAGE: 2200V 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

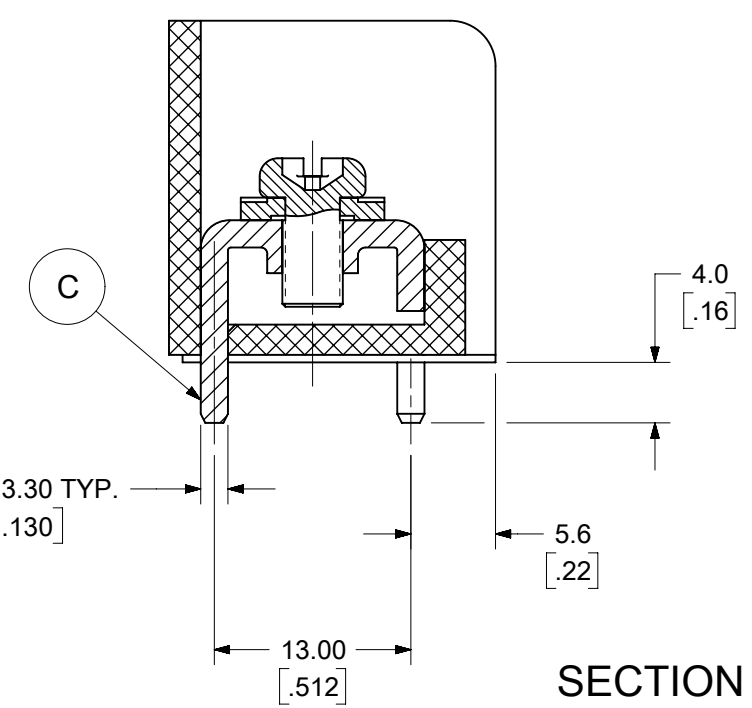
MATERIAL NUMBER LEGEND

389 XX X X XX

INSULATOR STYLE ——— NO. OF CIRCUITS
 69- NO MOUNTING ENDS (02 - 15)

TERMINAL STYLE ——— SCREW STYLE
 0 - PC TAILS 0 - M4 WITH SQUARE WASHER, STEEL, NICKEL PLATED

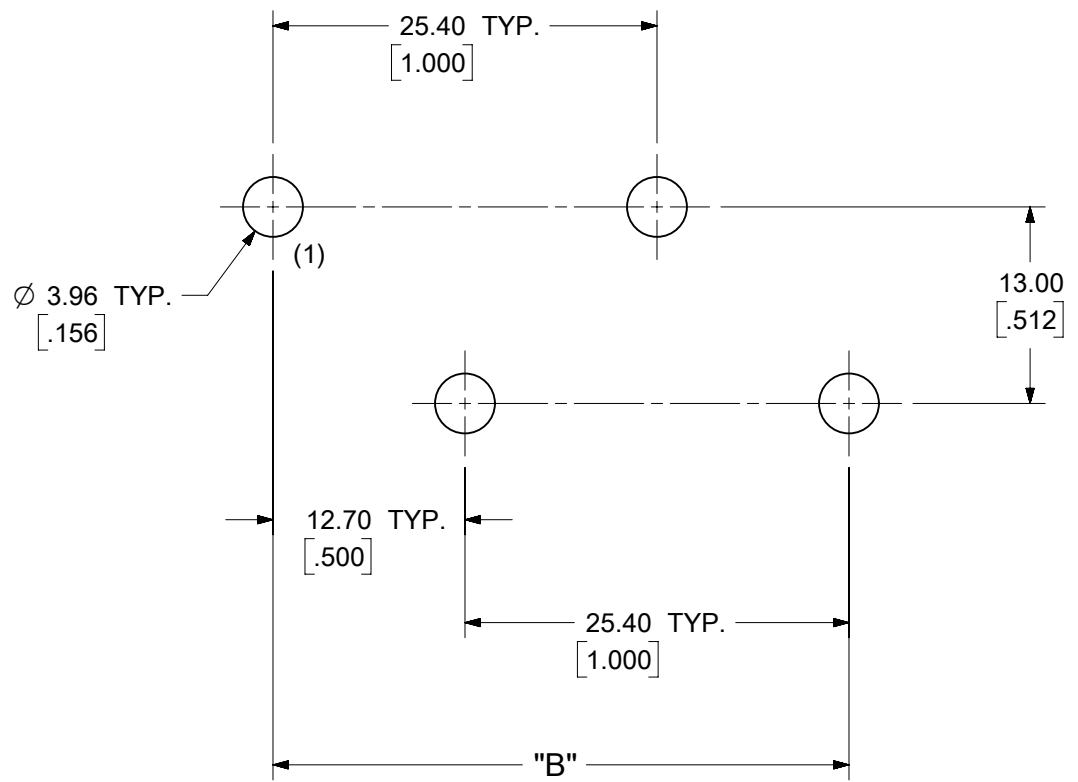
TERM. STYLE 0 - PC TAILS



SECTION A-A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED NOTES					
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		MM/INCH		2:1		SECTION					
GENERAL TOLERANCES (UNLESS SPECIFIED)						EC NO: 632901		DRWN: ABENJAMINLW		2020/01/14	
4 PLACES ± --- ± ---						DRWN: DACHAMMER		CHK'D: DACHAMMER		2020/02/25	
3 PLACES ± --- ± .005						APPR: JFMURPHY		APPR: JFMURPHY		2020/03/09	
2 PLACES ± 0.13 ± .01						INITIAL REVISION:		DRWN: CLYORK		2006/11/22	
1 PLACE ± 0.3 ± ---						ANGULAR TOL ± 2°		APPR: JMACNEIL		2006/12/01	
0 PLACES ± --- ± ---						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING SERIES	
DOCUMENT STATUS		P1		RELEASE DATE		2020/03/09		17:51:51		MATERIAL NUMBER	
P1		2020/03/09		17:51:51		SEE LEGEND		GENERAL MARKET		SHEET NUMBER	
						B-SIZE		38969		1 OF 2	

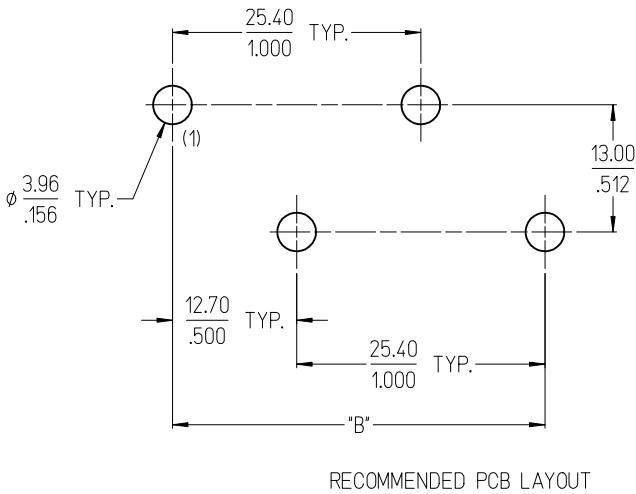
QUANTITY OF CIRCUITS	DIM. "A"		DIM. "B"	
	mm	IN	mm	IN
02	27.9	1.10	12.70	.500
03	40.6	1.60	25.40	1.000
04	53.3	2.10	38.10	1.500
05	66.0	2.60	50.80	2.000
06	78.7	3.10	63.50	2.500
07	91.4	3.60	76.20	3.000
08	104.1	4.10	88.90	3.500
09	116.8	4.60	101.60	4.000
10	129.5	5.10	114.30	4.500
11	142.2	5.60	127.00	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



RECOMMENDED PCB LAYOUT

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: UPDATED NOTES SECTION	
▽ = 0	MM/INCH	2:1	EC NO: 632901	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: ABENJAMINLW 2020/01/14	
▽ = 0			CHK'D: DACHAMMER 2020/02/25	
▽ = 0	4 PLACES ± --- ± ---		APPR: JFMURPHY 2020/03/09	
▽ = 0	3 PLACES ± --- ± .005		INITIAL REVISION:	
▽ = 0	2 PLACES ± 0.13 ± .01		DRWN: CLYORK 2006/11/22	
▽ = 0	1 PLACE ± 0.3 ± ---		APPR: JMACNEIL 2006/12/01	
▽ = 0	0 PLACES ± --- ± ---		DOCUMENT NUMBER	
▽ = 0	ANGULAR TOL ± 2°		SD-38969-001	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
▽ = 0		⊕	B-SIZE	38969
		MATERIAL NUMBER		CUSTOMER
		SEE LEGEND		GENERAL MARKET
		DOC TYPE		DOC PART
		PSD		001
		REVISION		E
		SHEET NUMBER		2 OF 2

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



SEE SHEET 1 EC NO: IPG2012-0065 DRAWN: MBRZOWSKI 2011/12/02 CHKD: RSTONE 2011/12/02 APPR: DJITUS 2011/12/02	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± 2 °	DIMENSION STYLE MM/IN DRAWN BY DATE C. YORK 2006/11/20 CHECKED BY DATE J. MACNEIL 2006/11/20 APPROVED BY DATE J. MACNEIL 2006/11/20	SCALE DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE 12.70MM [.500] SINGLE ROW TRI-BARRIER TERMINAL STRIP
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE LEGEND	MOLEX INCORPORATED DOCUMENT NO. SD-38969-001	SHEET NO. 2 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE B				