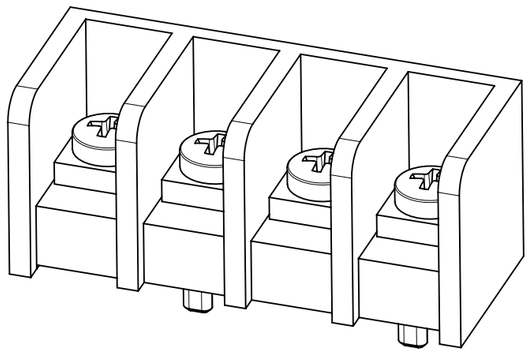
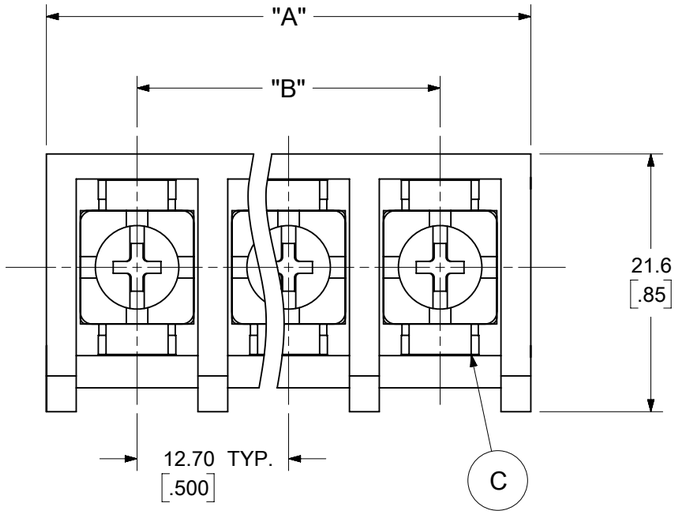
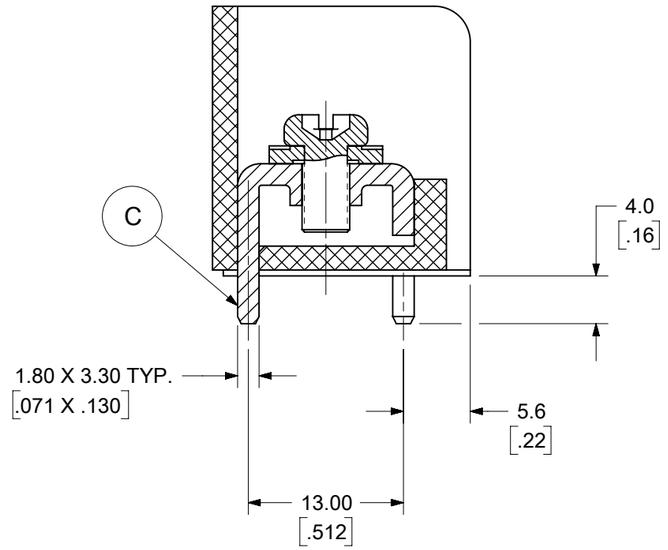


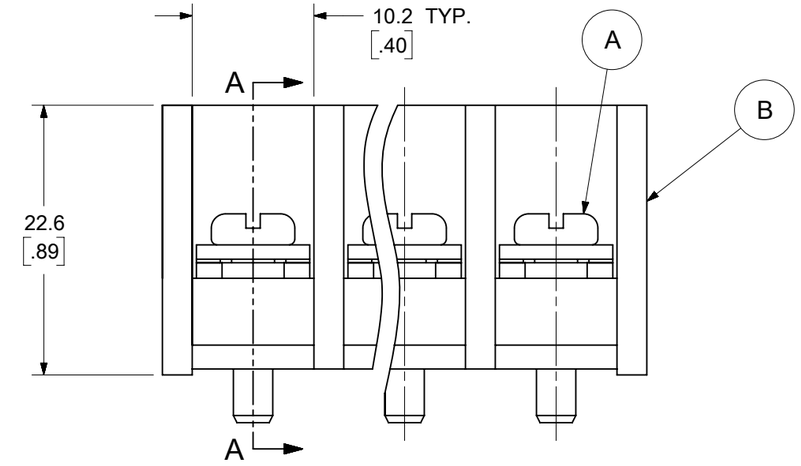
ISO. VIEW
(4 CIRCUIT SHOWN)

F



SECTION A-A





F

SPECIFICATIONS

1. MATERIAL:
   A. M4 PHIL/SLOT CLAMPING SCREW: NICKEL PLATED STEEL
   B. BODY: PBT-GF, UL94 V-0, COLOR: BLACK
   C. PC TERMINAL: TIN PLATED BRASS
2. WIRE SIZE PER UL: 8 TO 20 AWG (SOLID OR STRANDED)
3. RECOMMENDED WIRE STRIP LENGTH: 0.32 IN. (8.0mm)
4. MAXIMUM ELECTRICAL RATING PER UL: 600V, 50A
5. SCREW TORQUE PER UL: 16.0 LBF. IN. (1.81Nm)
6. DIELECTRIC WITHSTAND: 5000VAC FOR 1 MINUTE
7. INSULATION RESISTANCE: 500VDC, 500MΩ
8. OPERATING TEMPERATURE: -40°C TO +120°C

F

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

DOCUMENT STATUS	P1	RELEASE DATE	2026/02/16 20:48:40

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
ED = 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: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACES	± ---	± ---
ANGULAR TOL	± ---	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MODIFIED SPECIFICATIONS. ADDED TOL CHART & ISO VIEW

EC NO: 847766
DRWN: ABENJAMINLW 2026/02/11
CHK'D: ROLANM 2026/02/13
APPR: HKNEELAND 2026/02/16

INITIAL REVISION:
DRWN: CLYORK 2006/11/22
APPR: JMACNEIL 2006/12/01

molex

SINGLE ROW BARRIER STRIPS
12.70MM (0.500) PITCH PC TERMINAL TYPE

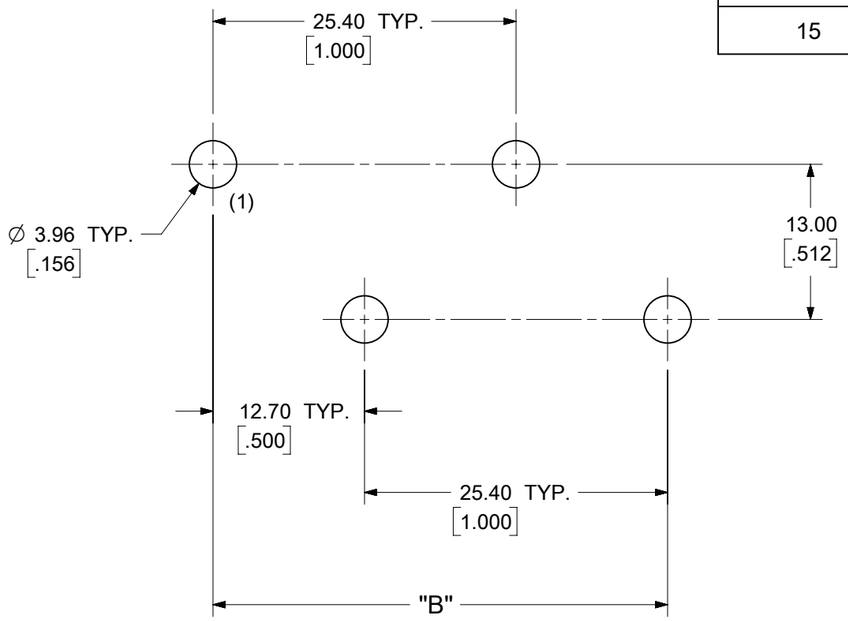
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38969-001	PSD	001	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	38969	SEE SHEET-2	GENERAL MARKET	1 OF 2

NO. OF CIRCUITS	PART NUMBER	DIM. "A"		DIM. "B"	
		mm	IN	mm	IN
02	389690002	27.9	1.10	12.70	.500
03	389690003	40.6	1.60	25.40	1.000
04	389690004	53.3	2.10	38.10	1.500
05	389690005	66.0	2.60	50.80	2.000
06	389690006	78.7	3.10	63.50	2.500
07	389690007	91.4	3.60	76.20	3.000
08	389690008	104.1	4.10	88.90	3.500
09	389690009	116.8	4.60	101.60	4.000
10	389690010	129.5	5.10	114.30	4.500
11	389690011	142.2	5.60	127.00	5.000
12	389690012	154.9	6.10	139.70	5.500
13	389690013	167.6	6.60	152.40	6.000
14	389690014	180.3	7.10	165.10	6.500
15	389690015	193.0	7.60	177.80	7.000

F



RECOMMENDED PCB LAYOUT

F

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

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FUNCTIONAL SYMBOLS
(A) = 0
(C) = 0
(P) = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM/INCH
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACES	± ---	± ---
ANGULAR TOL	± ---	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MODIFIED SPECIFICATIONS. ADDED TOL CHART & ISO VIEW

EC NO: 847766
DRWN: ABENJAMINLW 2026/02/11
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INITIAL REVISION:
DRWN: CLYORK 2006/11/22
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THIRD ANGLE PROJECTION
DRAWING: B-SIZE
SERIES: 38969

molex

SINGLE ROW BARRIER STRIPS
12.70MM (0.500) PITCH PC TERMINAL TYPE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-38969-001	PSD	001	F

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

DOCUMENT STATUS	P1	RELEASE DATE	2026/02/16 20:48:40

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