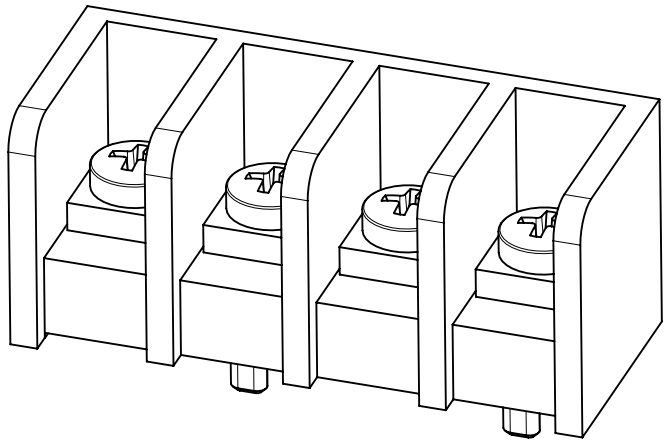
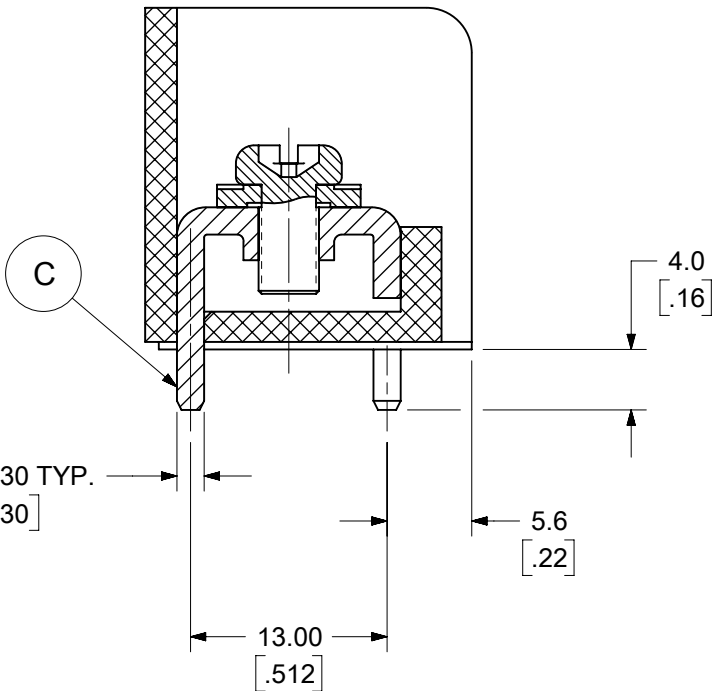




ISO. VIEW  
(4 CIRCUIT SHOWN)

F

SECTION A-A

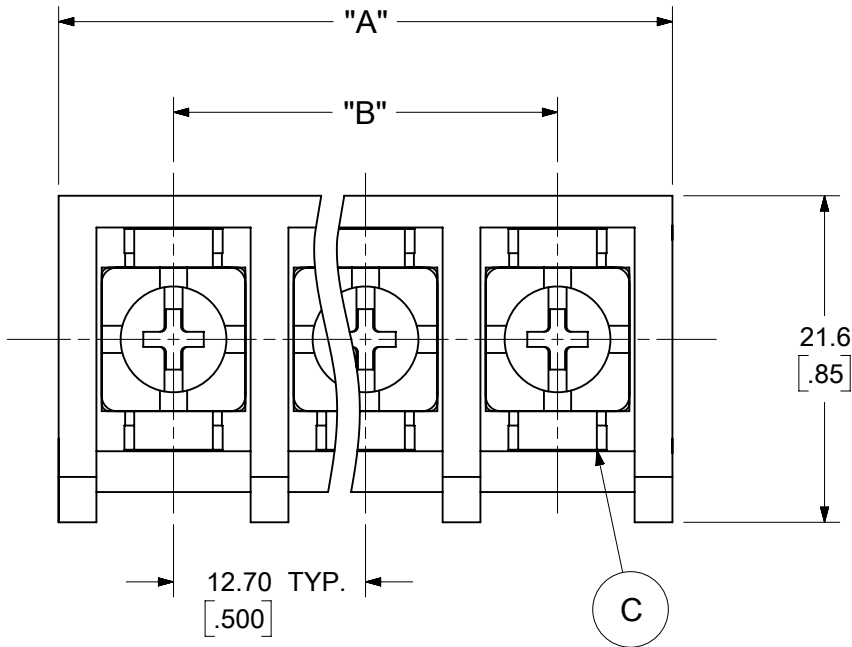


1.80 X 3.30 TYP.  
[.071 X .130]

4.0  
[.16]

5.6  
[.22]

13.00  
[.512]



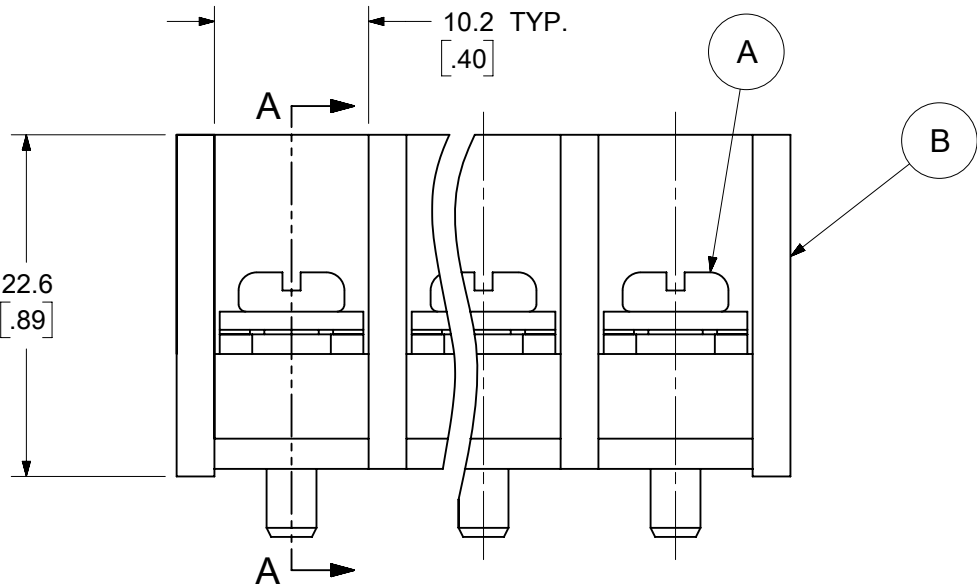
"A"

"B"

21.6  
[.85]

12.70 TYP.  
[.500]

C



10.2 TYP.  
[.40]

A

B

22.6  
[.89]

A

SPECIFICATIONS

- 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
- WIRE SIZE PER UL: 8 TO 20 AWG (SOLID OR STRANDED)
- RECOMMENDED WIRE STRIP LENGTH: 0.32 IN. (8.0mm)
- MAXIMUM ELECTRICAL RATING PER UL: 600V, 50A
- SCREW TORQUE PER UL: 16.0 LBF. IN. (1.81Nm)
- DIELECTRIC WITHSTAND: 5000VAC FOR 1 MINUTE
- INSULATION RESISTANCE: 500VDC, 500M $\Omega$
- OPERATING TEMPERATURE: -40°C TO +120°C

| 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 |

|                                                                                                                                               |                                       |   |       |                                                                           |                                                                                                         |                          |  |              |                  |                 |          |                |     |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---|-------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------|--|--------------|------------------|-----------------|----------|----------------|-----|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |   |       |                                                                           |                                                                                                         |                          |  |              |                  |                 |          |                |     |              |  |
| FUNCTIONAL SYMBOLS                                                                                                                            | DIMENSION UNITS                       |   | SCALE |                                                                           | CURRENT REV DESC: MODIFIED SPECIFICATIONS.<br>ADDED TOL CHART & ISO VIEW                                |                          |  |              | <div>molex</div> |                 |          |                |     |              |  |
|                                                                                                                                               | MM/INCH                               |   | 2:1   |                                                                           |                                                                                                         |                          |  |              |                  |                 |          |                |     |              |  |
| DIVISIONAL SYMBOLS                                                                                                                            | GENERAL TOLERANCES (UNLESS SPECIFIED) |   |       |                                                                           | EC NO: 847766<br>DRWN: ABENJAMINLW 2026/02/11<br>CHK'D: ROLANM 2026/02/13<br>APPR: HKNEELAND 2026/02/16 |                          |  |              |                  |                 |          |                |     |              |  |
|                                                                                                                                               | MM                                    |   | INCH  |                                                                           |                                                                                                         |                          |  |              |                  |                 |          |                |     |              |  |
|                                                                                                                                               | 4 PLACES                              | ± | ---   | ±                                                                         | ---                                                                                                     | PRODUCT CUSTOMER DRAWING |  |              |                  |                 |          |                |     |              |  |
|                                                                                                                                               | 3 PLACES                              | ± | ---   | ±                                                                         | ---                                                                                                     |                          |  |              |                  |                 |          |                |     |              |  |
|                                                                                                                                               | 2 PLACES                              | ± | ---   | ±                                                                         | ---                                                                                                     |                          |  |              |                  |                 |          |                |     |              |  |
|                                                                                                                                               | 1 PLACE                               | ± | ---   | ±                                                                         | ---                                                                                                     |                          |  |              |                  |                 |          |                |     |              |  |
|                                                                                                                                               | 0 PLACES                              | ± | ---   | ±                                                                         | ---                                                                                                     | DOCUMENT NUMBER          |  |              |                  | DOC TYPE        | DOC PART | REVISION       |     |              |  |
| ANGULAR TOL                                                                                                                                   |                                       |   |       | INITIAL REVISION:<br>DRWN: CLYORK 2006/11/22<br>APPR: JMACNEIL 2006/12/01 |                                                                                                         |                          |  | SD-38969-001 |                  |                 |          | PSD            | 001 | F            |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |                                       |   |       | THIRD ANGLE PROJECTION                                                    |                                                                                                         | DRAWING                  |  | SERIES       |                  | MATERIAL NUMBER |          | CUSTOMER       |     | SHEET NUMBER |  |
|                                                                                                                                               |                                       |   |       |                                                                           |                                                                                                         | B-SIZE                   |  | 38969        |                  | SEE SHEET-2     |          | GENERAL MARKET |     | 1 OF 2       |  |

**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

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

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