

ELM Modular Terminal Block Vertical Wire Entry

.200"/5.0 mm

Stackable terminal block with wire entry vertical to the plane of the board. The ELM family consists of precision molded 2- and 3-position screw termination modules with interlocking side ribs. Modules can be readily and firmly joined together and assembled to length without loss of pin spacing. PCD's high reliability floating vise clamp screw termination assures direct high pressure interconnection between contact and wire. Two-piece construction of the floating clamp prevents screw torque from being transmitted to the pin and damaging the solder joint. Expanded 12-28 AWG wire range with minimized connector size provides a low-profile termination for #12 AWG applications. High temperature polyester compound provides for dimensional stability during solder operation.

MATERIALS:

Housing: Black polyester
(green optional)

Contact: Copper alloy

Plating: Electrolytic tin

Hardware: #4-40 steel screw, zinc plated

SPECIFICATIONS:

Maximum Operating Temperature: 105°C

Dielectric Withstanding: 3000 V

Current Rating: 10 A

Operating Voltage: 300 V

Insulation Resistance: 10¹¹ ohms

Wire Range: AWG #12-28

Wire Pullout Force: Meets UL 486

INSTALLATION:

Wire Strip Length: .250"

Tightening Torque: 7 in-lbs.

Hole Diameter: .051"

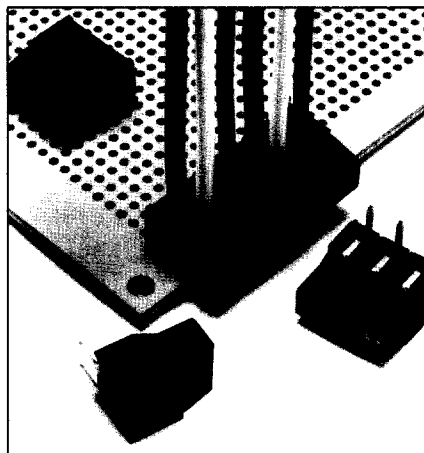
APPROVALS:



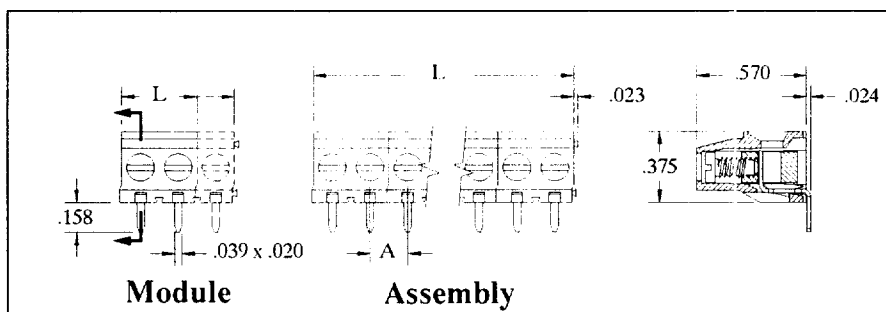
UL recognized under File No. E83421



CSA recognized under File No. LR69703-2



- ACCEPTS #12 TO #28 AWG
- REDUCED PROFILE
- INTERLOCKING MODULES
- MOVING VISE CLAMP WIRE TERMINATION
- HIGH TEMPERATURE POLYESTER



| STYLE | POS | .200" CENTERS (A) | | 5.0 MM CENTERS (A) | |
|----------|-----|-------------------|----------|--------------------|-------|
| | | CATALOG # | L INCHES | CATALOG # | L MM |
| MODULE | 2 | ELM029200 | .40 | ELM029100 | 10.0 |
| | 3 | ELM039200 | .60 | ELM039100 | 15.0 |
| | 4 | ELM049200 | .80 | ELM049100 | 20.0 |
| ASSEMBLY | 5 | ELM059200 | 1.00 | ELM059100 | 25.0 |
| | 6 | ELM069200 | 1.20 | ELM069100 | 30.0 |
| | 7 | ELM079200 | 1.40 | ELM079100 | 35.0 |
| | 8 | ELM089200 | 1.60 | ELM089100 | 40.0 |
| | 9 | ELM099200 | 1.80 | ELM099100 | 45.0 |
| | 10 | ELM109200 | 2.00 | ELM109100 | 50.0 |
| | 11 | ELM119200 | 2.20 | ELM119100 | 55.0 |
| | 12 | ELM129200 | 2.40 | ELM129100 | 60.0 |
| | 13 | ELM139200 | 2.60 | ELM139100 | 65.0 |
| | 14 | ELM149200 | 2.80 | ELM149100 | 70.0 |
| | 15 | ELM159200 | 3.00 | ELM159100 | 75.0 |
| | 16 | ELM169200 | 3.20 | ELM169100 | 80.0 |
| | 17 | ELM179200 | 3.40 | ELM179100 | 85.0 |
| | 18 | ELM189200 | 3.60 | ELM189100 | 90.0 |
| | 19 | ELM199200 | 3.80 | ELM199100 | 95.0 |
| | 20 | ELM209200 | 4.00 | ELM209100 | 100.0 |
| | 21 | ELM219200 | 4.20 | ELM219100 | 105.0 |
| | 22 | ELM229200 | 4.40 | ELM229100 | 110.0 |
| | 23 | ELM239200 | 4.60 | ELM239100 | 115.0 |
| | 24 | ELM249200 | 4.80 | ELM249100 | 120.0 |