

ELM Modular Terminal Block Horizontal Wire Entry

.200"/5.0 mm

Stackable terminal block with wire entry horizontal 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"

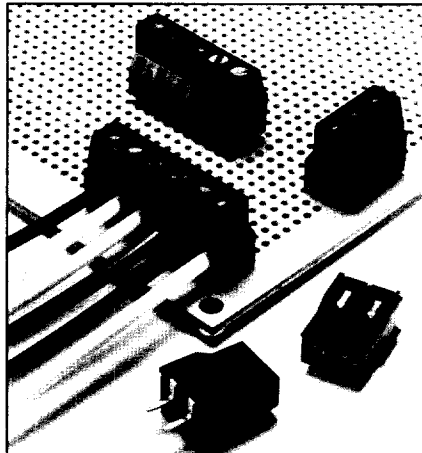
Tightening Torque: 7 in-lbs.

Hole Diameter: .051"

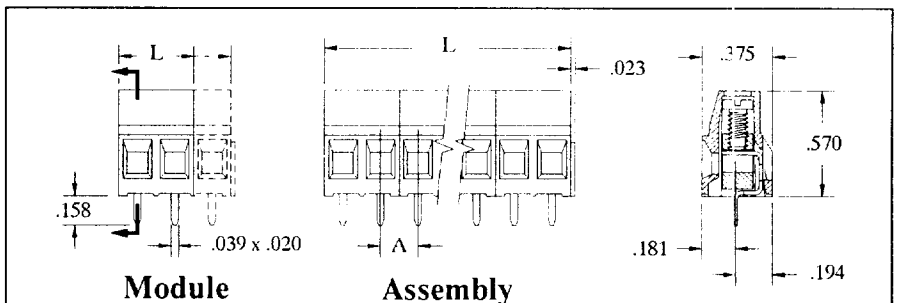
APPROVALS:

 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	ELM021200	.40	ELM021100	10.0
	3	ELM031200	.60	ELM031100	15.0
	4	ELM041200	.80	ELM041100	20.0
ASSEMBLY	5	ELM051200	1.00	ELM051100	25.0
	6	ELM061200	1.20	ELM061100	30.0
	7	ELM071200	1.40	ELM071100	35.0
	8	ELM081200	1.60	ELM081100	40.0
	9	ELM091200	1.80	ELM091100	45.0
	10	ELM101200	2.00	ELM101100	50.0
	11	ELM111200	2.20	ELM111100	55.0
	12	ELM121200	2.40	ELM121100	60.0
	13	ELM131200	2.60	ELM131100	65.0
	14	ELM141200	2.80	ELM141100	70.0
	15	ELM151200	3.00	ELM151100	75.0
	16	ELM161200	3.20	ELM161100	80.0
	17	ELM171200	3.40	ELM171100	85.0
	18	ELM181200	3.60	ELM181100	90.0
	19	ELM191200	3.80	ELM191100	95.0
	20	ELM201200	4.00	ELM201100	100.0
	21	ELM211200	4.20	ELM211100	105.0
	22	ELM221200	4.40	ELM221100	110.0
	23	ELM231200	4.60	ELM231100	115.0
	24	ELM241200	4.80	ELM241100	120.0