

**EM5045 Series**

**Euro-Mag Terminal Blocks**

Header (Mates with EM5035 Series);  
5.00 Centers

**SPECIFICATIONS**

Rating: 10A, 300V

Center Spacing: 0.197" (5.00mm)

Housing Material: Black UL 94V0 Thermoplastic

Contact Material: Tin-Plated Brass

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Recommended PCB Hole Diameters: 0.059" (1.50mm)

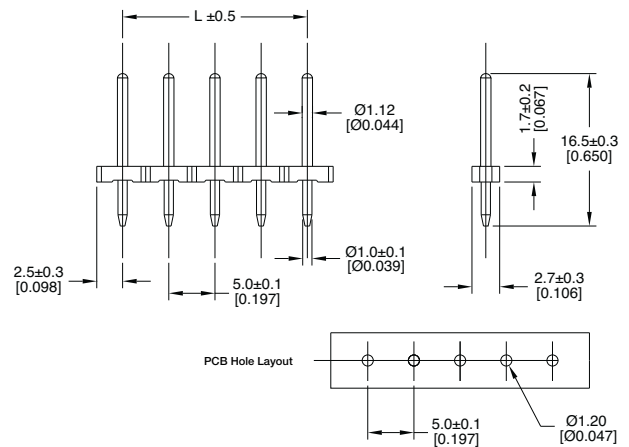
Construction: Mold-to-Length

Agency Information: File E62622; CE Certified



EM504513

**Dimensions - mm (in)**



Poles	L (mm)	Poles	L (mm)
2	5.0	14	65.0
3	10.0	15	70.0
4	15.0	16	75.0
5	20.0	17	80.0
6	25.0	18	85.0
7	30.0	19	90.0
8	35.0	20	95.0
9	40.0	21	100.0
10	45.0	22	105.0
11	50.0	23	110.0
12	55.0	24	115.0
13	60.0		

To convert to inches, divide by 25.4

**Part Numbering System**

Series

# of Poles

Mating Plug: EM5035 pg. 105

**EM5045**

02 to 24

Terminal Blocks:  
Single Row

EuroMag Series  
Plug & Header

Edge Connectors,  
One-Sided Boards

Compliance  
References

# Mouser Electronics

Authorized Distributor

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## Eaton:

[EM504510](#) [EM504513](#) [EM504505](#) [EM504502](#) [EM504506](#) [EM504518](#) [EM504512](#) [EM504520](#) [EM504521](#)  
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