

Specifications: **MSM Series**

Features:

- MSM is supplied with the clamp in the open position
- Captive screws
- Elevator clamp system
- Testing points/holes
- 2 to 25 positions single mold
- 2 to 36 positions modular
- Housing is resistant to chlorinated solvents, with no dioxin or detrimental to health halogens
- Every position of this product is mechanically and electrically tested during assembly to ensure a 100% defect free product
- Minimum 5 microns of tin plating on terminal for easy soldering

Electrical:

Current: 17.5A @ 300V
 Wire Range: 12-30 AWG
 Wire Section: (mm²) 0.05 to 2.5mm²
 Pin Dimension: 1mm x 0.8mm
 CR: <15m
 IR: >10⁹ (500V DC)
 Operating temp: -40°C - +110°C
 Stripping Length: 6mm
 Torque: 0.5 Nm
 PCB Holes: min 1.4mm
 PCB Thickness: max 2.8mm
 Climatic Category: 40/110/21 Acc. To IEC 68-1

Materials:

Housing: Polyamide 6,6 (UL 94V-O)
 Clamp: Copper Alloy, Ni plated
 Terminal: Copper Alloy, Tin-plated
 Screw: M3, Copper Alloy, Ni plated
 Colors Available: Green and Black

Marking

(See marking information on page 8)

Specifications: **320 Series**

Features:

- Economical solution for angled wire entry
- 2- and 2- position modular
- Rising clamp for secure connection

Electrical :

Current: 10A @ 300v
 Wire range: 14 to 22 AWG
 Pin Dimension: 1mm x 0.7mm
 CR: <15m
 IR: >10⁹ (500VDC)
 Operating temp: -40°C to +110°C
 Stripping length: 7mm
 Torque: 4.5 lb-in
 PCB holes: Min 1.4mm
 PCB thickness: Max 2.4mm

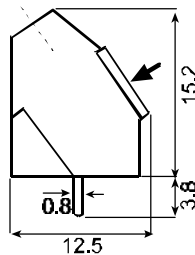
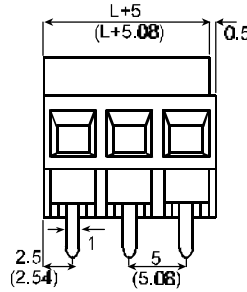
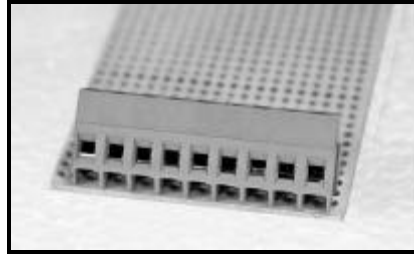
Materials:

PBT-4115 (UL94V-0)
 Housing: Plated steel
 Wire protector: Brass, tin plated
 Terminal: M2.6, steel, zinc plated
 Screw: Black (std), blue
 Colors available:

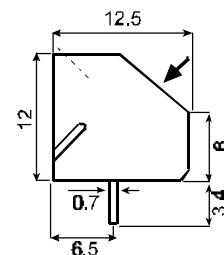
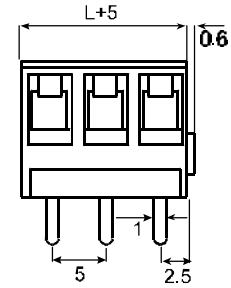
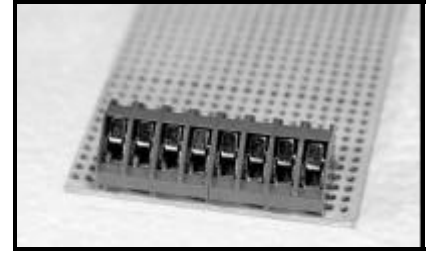
Marking

Not available

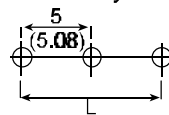
17.5A 300V 5 and 5.08mm



10A 300V 5mm



PCB Layout

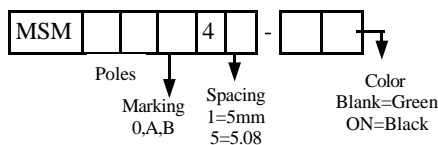


Dimensions

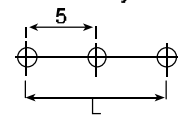
n = number of poles
 L=(n-1) x 5.00 (for 5.00mm spacing)
 L=(n-1) x 5.08 (for 5.08mm spacing)

(Also available in 10mm and 10.16mm centers)

Ordering Information



PCB Layout



Dimensions

n = number of poles
 L=(n-1) x 5.00

(Also available in 10mm centers)

Ordering Information

