

**Specifications: MSB Series**

*Features:*

- 5.00 or 5.08mm spacing
- MSB is supplied with the clamp in the open position
- Double captive screws
- Elevator clamp system
- Testing points/holes
- 2 to 25 positions single mold
- 2 to 36 positions modular
- 2 position blocks can be ordered with clamping pegs to reduce torque levels on the PCB and surpass VDE
- 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: 13.5A @ 300V  
 Wire Range: 16-30 AWG  
 Wire Section: (mm<sup>2</sup>) 0.05 to 1.5mm<sup>2</sup>  
 Pin Dimension: .9mm x 0.5mm  
 CR: <15mΩ

Operating temp: -40°C - +110°C  
 Stripping Length: 5mm  
 Torque: 0.5 Nm  
 PCB Holes: min 1.1mm  
 PCB Thickness: max 2.4mm  
 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*

Adhesive marking strips for 5 and 5.08mm centers

Numbered	Order Number
1-10	ESA014000110
11-20	ESA014001120
21-30	ESA014002130
31-40	ESA014003140
41-50	ESA014004150

Adhesive strips not available

Ink marking by factory (specify in order number):

Factory ink is permanent and will not rub off.

Ink has fluorescent tint for greater visibility

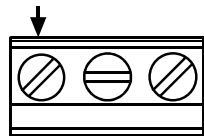
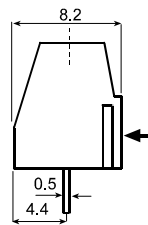
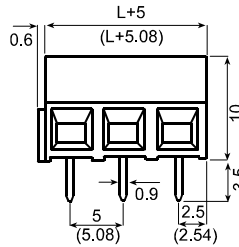
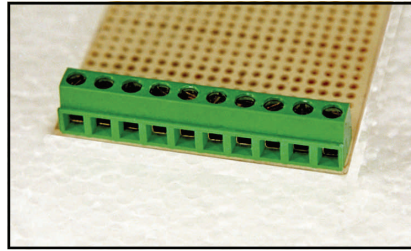
0 = no printing

A= upside down printing (consecutive #'s R to L)

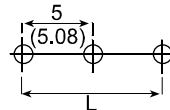
B= regular printing (consecutive #'s L to R)

Custom markings are welcome with minimum order - Contact factory

13.5A 300V 5 and 5.08mm



PCB Layout

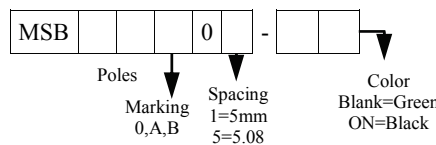


*Dimensions*

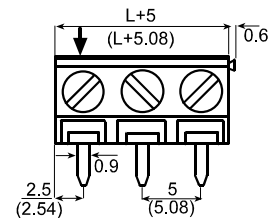
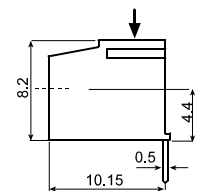
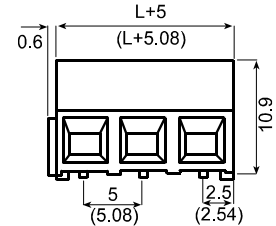
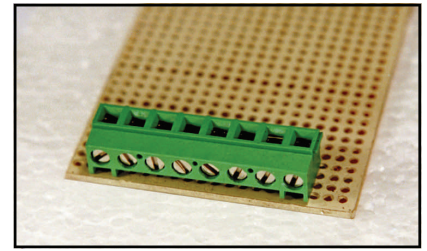
n = number of poles

L=(n-1) x 5.00 (for 5.00mm spacing)

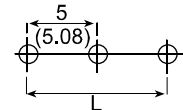
L=(n-1) x 5.08 (for 5.08mm spacing)



13.5A 300V 5 and 5.08mm



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)

