

Specifications: **MSB(MEB) Series**

## Features:

- \*MSB is **green** color with clamp in the *open* position
- \*MEB is **black** with clamp in the *closed* position
- \*Double captive screws
- \*Elevator clamp system
- \*Testing holes/points
- \*2 to 12 positions single mold
- \*2 to 36 positions modular
- \*2 position blocks can be ordered with clamping pegs to reduce torque levels on the board and surpass VDE standards
- \*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 to 30 AWG
Wire section(mm <sup>2</sup> ):	0.05 to 1.5mm <sup>2</sup>
Pin dimension:	0.9mm x 0.5mm
CR:	<15mΩ
IR:	>10 <sup>9</sup> Ω (500V DC)
Operating temp:	-40°C to +110°C
Stripping length:	5mm
Torque:	0.5 Nm
PCB holes:	min 1.1mm
PCB thickness:	max 2.4mm
Climactic category:	40/110/21 Acc. to IEC 68-1

## Materials

Housing:	Polyamide 6,6 (UL94V-0)
Clamp:	Copper alloy, Ni plated
Terminal:	Copper alloy, Tin plated
Screw:	M3, copper alloy, Ni plated
Colors available:	Green, black

## Marking

Adhesive marking strips 5 and 5.08mm centers.

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

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

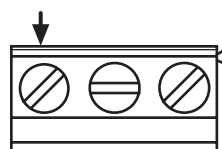
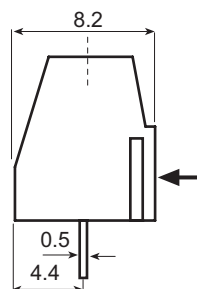
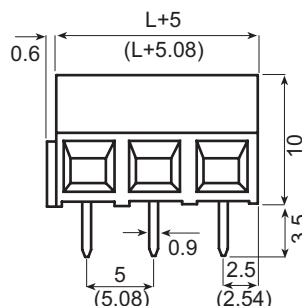
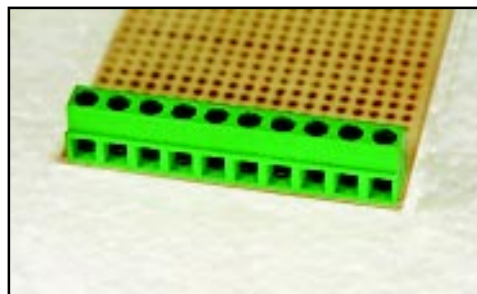
A=upside down printing (consecutive #'s R to L)

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

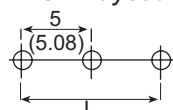
Custom markings are welcome with minimum order. Contact factory for information.

13.5A 300V

5 and 5.08mm



PCB Layout



## Dimensions

n=number of poles

L=(n-1) x 5 (for 5mm spacing)

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

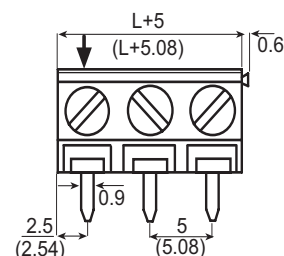
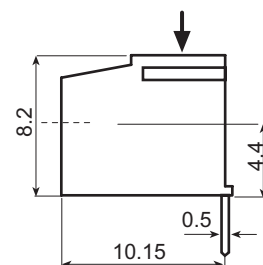
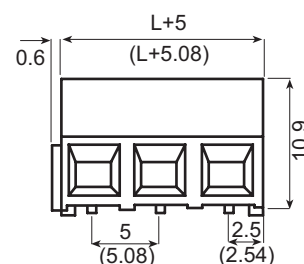
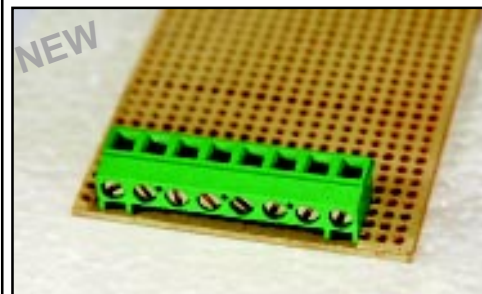
## Ordering Information

MSB				0	
MEB					
Poles	Marking	Spacing			
(02 to 36)	0,A,B	1=5mm			
		5=5,08mm			

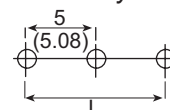
Also available in 10mm and 10.16mm centers.

13.5A 300V

5 and 5.08mm



PCB Layout



## Dimensions

n=number of poles

L=(n-1) x 5 (for 5mm spacing)

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

## Ordering Information

MSB				9	
MEB					
Poles	Marking	Spacing			
(02 to 36)	0,A,B	1=5mm			
		5=5,08mm			

Also available in 10mm and 10.16mm centers.