Specifications: **MSQ(MEQ)Series**

Features:
*MSQ is **green** color with clamp in the *open* position
*MEQ is **black** with clamp in the *closed* position
*Captive screws
*Elevator clamp system
*Testing holes/points
*2 and 3 positions single mold
*2 to 24 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:	24A @ 450V
Wire range:	12 to 30 AWG
Wire section(mm^2):	0.05 to 4mm^2
Pin dimension:	1mm x 0.8mm
CR:	<15mΩ
IR:	>10$^9\,\Omega$ (500V DC)
Operating temp:	-40°C to +110°C
Stripping length:	6.5mm
Torque:	0.5 Nm
PCB holes:	min 1.4mm
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 7,5 and 7,62mm centers.

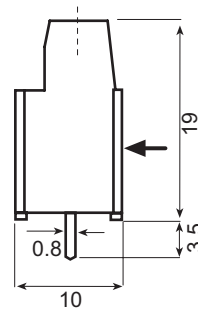| Numbered	Order Number
1-10	ESA34000110
11-20	ESA34001120
21-30	ESA34002130

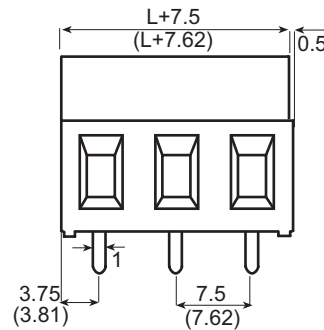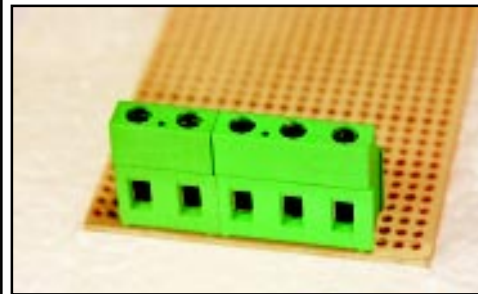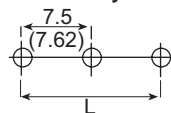Ink marking by factory (specify in order number):
Factory ink is permanent and will not rub off. Ink has fluorescent tint for greater visibility.
0=no printing
A=upside down printing (consecutive #'s R to L)
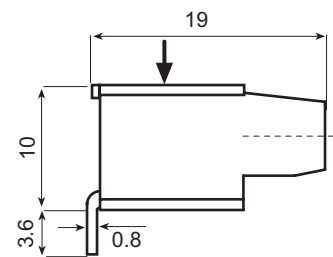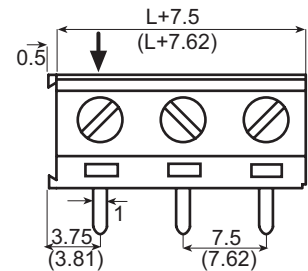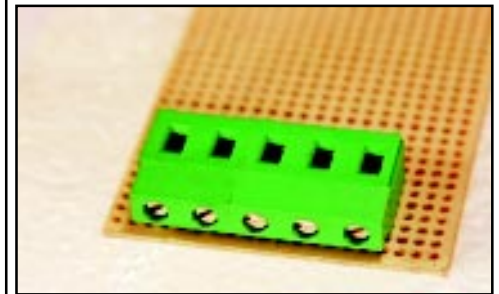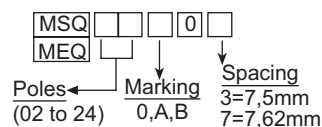B=regular printing (consecutive #'s L to R)

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

MSQ (MEQ) Series

24A 450V   7.5 and 7.62mm

L+7.5
(L+7.62)   0.5

3.75 (3.81)   7.5 (7.62)

19

0.8   3.5

10

PCB Layout
7.5
(7.62)
L

Dimensions
n=number of poles
L=(n-1) x 7.5 (for 7.5mm spacing)
L=(n-1) x 7.62 (for 7.62mm spacing)

Ordering Information

MSQ				0	

Poles (02 to 24) — Marking 0,A,B — Spacing 3=7,5mm 7=7,62mm

MSQ (MEQ) 90° Series

24A 450V   7.5 and 7.62mm

L+7.5
(L+7.62)
0.5

3.75 (3.81)   7.5 (7.62)   1

19

10

3.6   0.8

PCB Layout
7.5
(7.62)
L

Dimensions
n=number of poles
L=(n-1) x 7.5 (for 7.5mm spacing)
L=(n-1) x 7.62 (for 7.62mm spacing)

Ordering Information

MSQ				9	

Poles (02 to 24) — Marking 0,A,B — Spacing 3=7,5mm 7=7,62mm