

<b>MiniEuroPCB Terminal Blocks</b>	<b>MSD Series</b>	<b>302/312 Series</b>
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**Specifications MSD Series**

- Features:**
- \*Smallest spacing available
  - \*MSD is **green** color with clamp in the *open* position
  - \*Double captive screws
  - \*Elevator clamp system
  - \*Testing points
  - \*2 to 12 positions single mold
  - \*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: 3A @ 125V
  - Wire range: 16 to 30 AWG
  - Wire section(mm<sup>2</sup>): 0.05 to 1.3mm<sup>2</sup>
  - Pin dimension: 0.8mm x 0.4mm
  - CR: <15mΩ
  - IR: >10<sup>9</sup> Ω (500V DC)
  - Operating temp: -40°C to +110°C
  - Stripping length: 4mm
  - Torque: 0.13 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: M1.6, copper alloy, Ni plated
  - Colors available: Green

- Marking**
- 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)

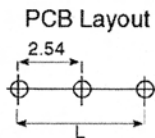
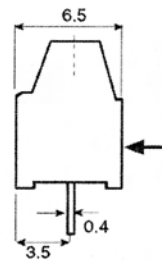
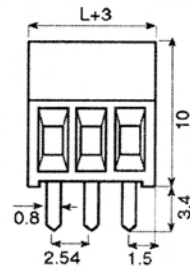
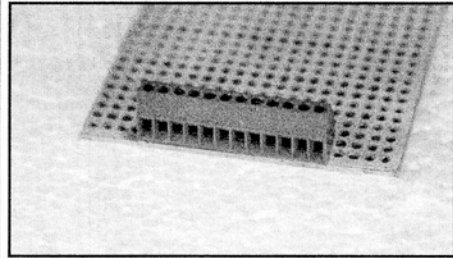
**Specifications 302/312 Series**

- Features:**
- \*Small 3.5mm spacing
  - \*Modular design, black color
  - \*Economical wire protector termination

- Electrical**
- Current: 7A @ 250V
  - Wire range: 18 to 26 AWG
  - Pin dimension: ø0.9mm
  - CR: <15mΩ
  - IR: >5000MΩ (500V AC)
  - Operating temp: -55°C to +105°C
  - Stripping length: 4.5mm
  - Torque: 2.5 lbs-in.
  - PCB holes: min 1.2mm

- Materials**
- Housing: Nylon FR15- UL94V-0
  - Metal Housing: Brass, Cu, tin plated
  - Wire Guard: Stainless steel
  - Terminal: Brass, Tin plated
  - Screw: M2, steel, zinc plated, yellow chromated

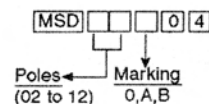
3A 125V 2.54mm



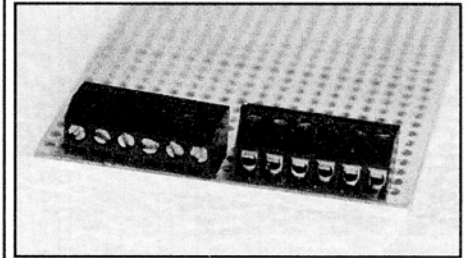
**Now also available in 3.5mm and 3.81mm centers! MTS Series**

**Dimensions**  
n=number of poles  
L=(n-1) x 2.54

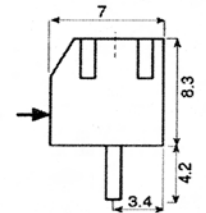
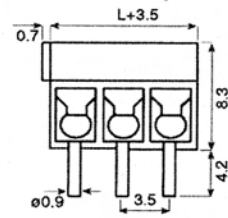
**Ordering Information**



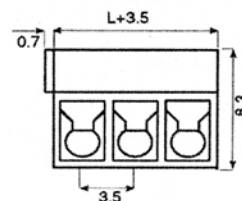
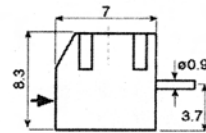
7A 250V 3.5mm



**302 Series (vertical)**

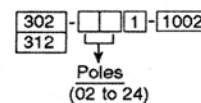


**312 Series (right angle)**



**Dimensions**  
n=number of poles  
L=(n-1) x 3.5

**Ordering Information**



**Smallest Spacing Available**