

# RFI Shield Clips

## Shield Clips for EMI/RFI Shields

- ❖ SMT devices offering a fast solution for assembling RFI shields to PCBs.
- ❖ Eliminates the need for through holes and post reflow operations.
- ❖ Saves PCB real estate.
- ❖ Mini Clip uses 40% less space than Midi and Maxi.
- ❖ Substantial improvement in time and simplicity of assembly tuning and re-work.



### SPECIFICATION

#### ❖ Materials

Material: Beryllium Copper or Cupro-Nickel (Beryllium-free)  
Finish: Tin or Tin/Lead

#### ❖ Packaging

Packaging Format: Tape & Reel or Loose  
Reel Quantity: Midi: 1,900 on a Ø330mm reel  
Mini: 5,000 on a Ø330mm reel  
Maxi: 1,900 on a Ø330mm reel

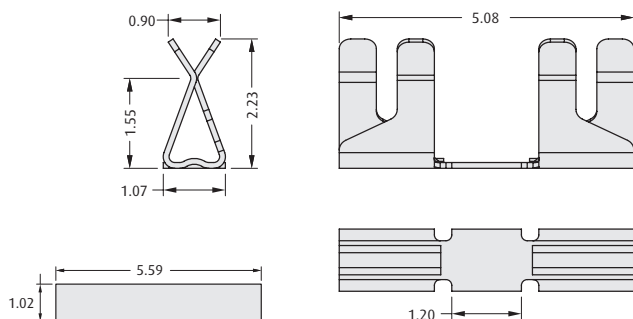
#### ❖ Electrical

Contact Resistance: Midi, Maxi: 20 mΩ max.  
Mini: 40 mΩ max.

#### ❖ Mechanical

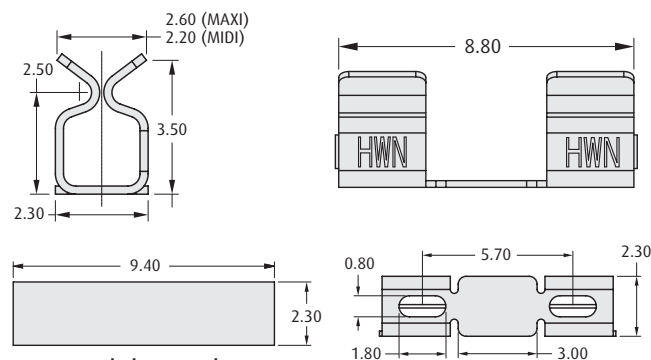
Shield Thickness: Midi: 0.30mm, Maxi: 0.7-1.0mm  
Mini: 0.13 – 0.23mm  
Insertion force (max.): Midi, Maxi: 3.0N  
Mini: 5.0N (0.17mm shield)  
Withdrawal force (max.): Midi, Maxi: 1.0N  
Mini: 0.35N

### MINI



Recommended PC Board Pattern

### MIDI & MAXI



Recommended PC Board Pattern

### HOW TO ORDER

#### SERIES CODE

#### CONTACT HEIGHT

|     |                               |
|-----|-------------------------------|
| 141 | Maxi clip in Beryllium Copper |
| 171 | Midi clip in Beryllium Copper |
| 172 | Mini clip in Beryllium Copper |
| 271 | Midi clip in Cupro-Nickel     |

S XXX 1 - XX R

#### PACKAGING

|       |                 |
|-------|-----------------|
| R     | Tape and Reeled |
| Blank | Loose           |

#### FINISH

|    |                                  |    |
|----|----------------------------------|----|
| 06 | Tin/Lead (Beryllium Copper only) | Pb |
| 46 | Tin                              | Pb |

All dimensions in mm.

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