One-Piece Connector Overview

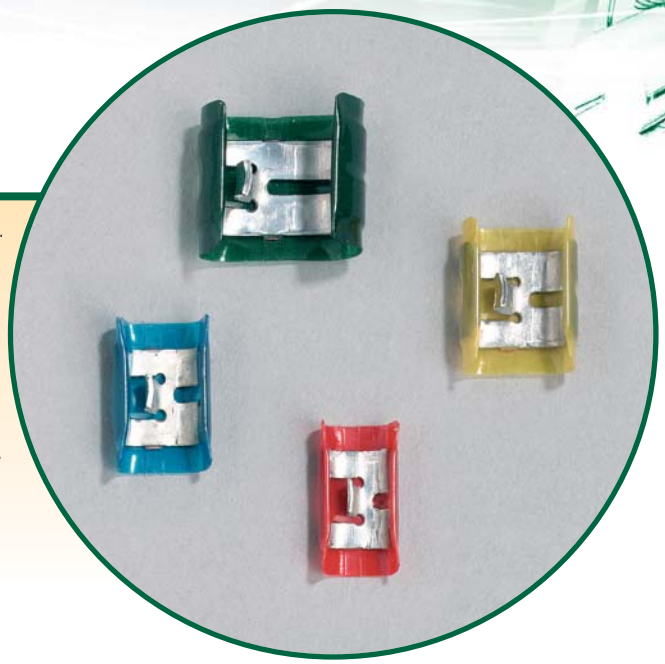
Terminate shielded cable in seconds without heat or power!

This solderless, wraparound connector terminates shielded cable in seconds... with uniform precision. It's particularly well suited for production work in aircraft, aerospace, and electronic industries where size and weight are important.

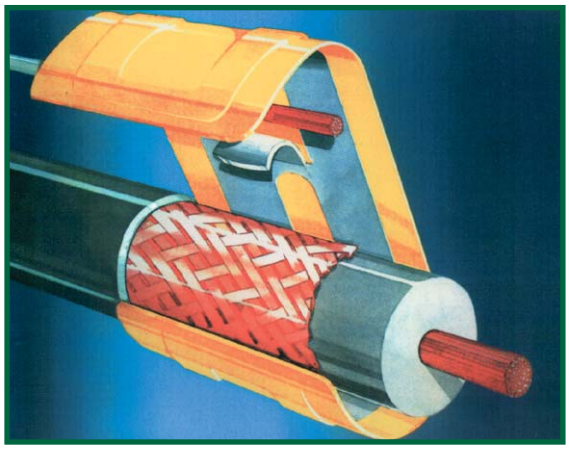
Once crimped, it provides a compact, lightweight, low-resistance, high-strength connection, which meets and exceeds the performance requirements of MIL-F-21608.

The connector works equally well on braided, wrapped, or foil shields and has the added advantage of being able to be used as a mid-span termination.

Only four sizes, which can be easily identified by the color of their insulation, are needed to cover a range of shielding diameters from .05" to .3".



- Compact, low-profile connector
- One piece wraparound design
- Tough polyester insulation (Mylar® type)
- Inventory savings: only 4 sizes
- Transparent insulation, easily inspected
- MIL specified, industry-approved technology
- No heat or power required to install
- No damage to inner conductor
- Less installation time required
- Uniform, precise connection every time
- Low installed cost
- Mid-span termination possible, eliminating the need to demount a cable already installed

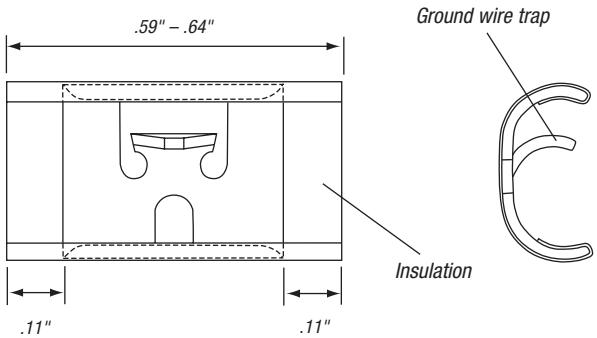


The one-piece Shield-Kon® connectors meet the MIL-F-21608 standards for the following environmental specifications:

Specifications

- Voltage Drop: 9 mV max. at 1A after environmental exposure
- Insulation Dielectric Strength: 500 VRMS at 60Hz for 1 minute
- Corrosion Resistance: 48 hours in 5% salt fog
- Pullout Strength: 15 lbs. min. for 22 AWG, and 19 lbs. min. for 20 AWG
- Vibration: 0.03" double amplitude between 10 and 55Hz for 6 hours on each of two axis
- Material: Copper, conform to CDA No. 110
- Plating: Tin, electro-plated (thickness 3 to 8 µm), in accordance with MIL-T-10727A
- Insulation: Polyester film (Mylar® type), color coded for size identification
- Temperature: -85° F to +257° F (-65° C to +125° C)

In addition, hypot tests have shown that the cable manufacturers' specified working voltage rating is maintained after the installation of Shield-Kon RSK connectors. It is, however, still advisable to evaluate the suitability of these connectors and verify their performance for the particular application.



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