

### FEATURES:

- Accepts Cable types RG55, 142

### MATERIALS:

- Body and Fitting – Steel per QQ-S-764, Type 303.
- Center Contact – Brass per QQ-B-626, Alloy 360, ½ Hard
- Dielectric – Teflon per L-P-403
- Gaskets and Seals – Silicone rubber per ZZ-R-765

### Finish:

- Body and Fitting – Passivated steel
- Center Contact – Gold plated per requirements of MIL-C-39012

### RATINGS:

- Nominal Impedance: 50 Ohms
- Frequency Range: DC to 18 GHz

### ORDERING INFORMATION: Model 4859

Cabling instructions furnished on request.

All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02''$  (.51 mm),  $.xxx = \pm .005''$  (.127 mm).  
All specifications are to the latest revisions. Specifications are subject to change without notice.  
Registered trademarks are the property of their respective companies.

Made in USA

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SY/EH/LS

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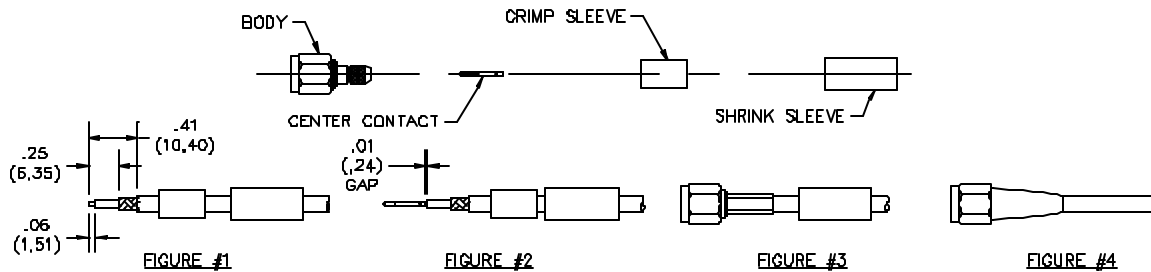
Sales: 800-490-2361 Fax: 888-403-3360

Technical Assistance: 800-241-2060

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More drawings available at [www.pomonaelectronics.com](http://www.pomonaelectronics.com)

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### FIGURE #1

- A. Slide shrink tubing and crimp sleeve over cable.
- B. Strip cable as shown.
- C. Flair braid outward slightly by rotating Dielectric.

### FIGURE #2

- D. Place center contact over center conductor provide gap as shown and solder.

### FIGURE #3

- E. Place connector body over contact, sliding barrel under braid.
- F. Push sleeve up against the body of the connector and crimp.

### FIGURE #4

- G. Push shrink tubing over crimped sleeve so it touches the connector body and shrink the sleeve using a heat gun or equivalent.

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ±.005" (.127 mm).  
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