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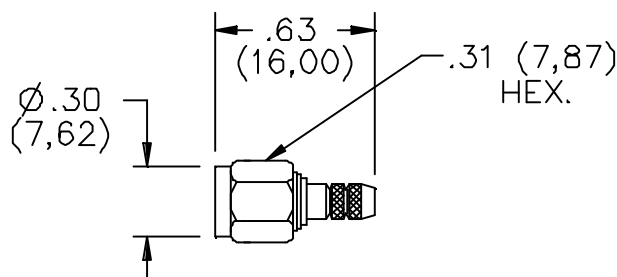
[Pomona Electronics](#)
[4859](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Pomona®

Model 4859 & Assembly Instructions SMA Male Plug



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 = ±.02" (.51 mm), .xxx = ±.005" (.127 mm).

All specifications are to the latest revisions. Specifications are subject to change without notice.

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**Model 4859 & Assembly Instructions
 SMA Male Plug**

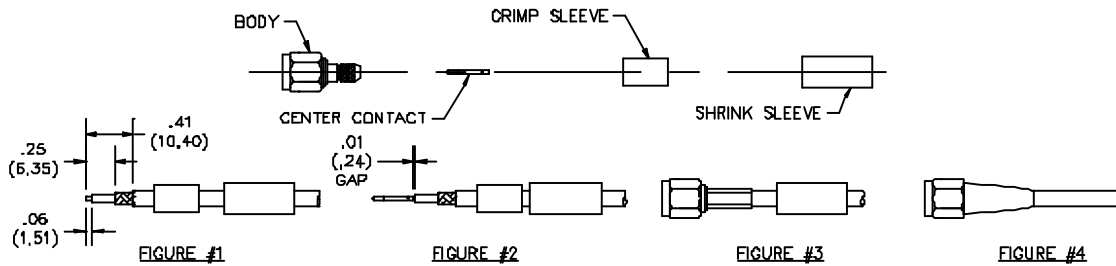


FIGURE #1

- 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.

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