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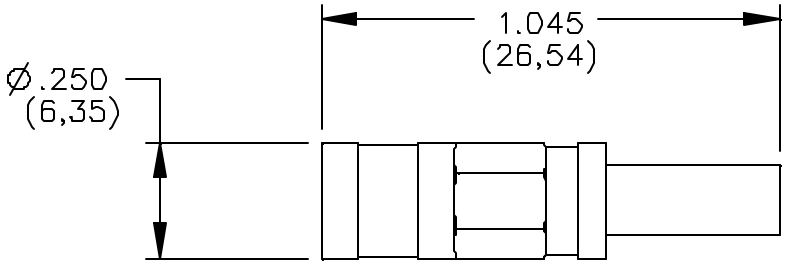
Model 5375 & Assembly Instructions SMB Cable Plug (F), Crimp Type For RG 174, 179, 187, 188, 316 Cable



FEATURES:

- These SMB (Subminiature "B") connectors snap together for quick assembly.

MATERIALS:

Body and Fittings – Brass per QQ-B-626, Alloy 360, ½.
Center contact – Gold Plated Beryllium Copper per QQ-C-530, Cond. HT.
Dielectric – Teflon per L-P-403.
Finish: Tarnish Resistant
Center Contact – Gold plated per requirements of MIL-C-39012.
Marking: "POMONA 5375 located approximately as shown.

RATINGS:

Operating Temperature: -65°C (-85°F) to +165°C (+329°F)
Operating Voltage: 335 VRMS Max.
Impedance: 50 Ohms
Frequency Range: DC to 4GHz
Fits RG174 & RG316 cable types

ORDERING INFORMATION: Model 5375

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.

Made in USA

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

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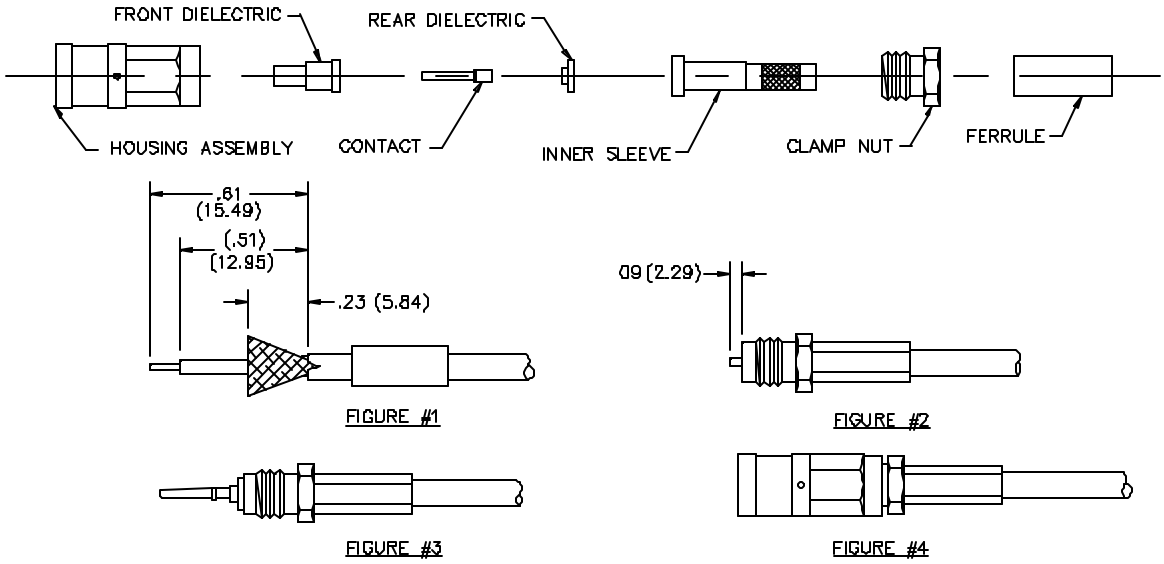

FIGURE #1

A. Place ferrule on cable, remove end portion of cable jacket and strip cable.
B. Flare outer conductor.
C. Cut two slits in cable jacket as shown (optional).

FIGURE #2

D. Assemble clamp nut onto inner sleeve, insert cable into inner sleeve and seat firmly.
E. Slide ferrule over flared portion of outer conductor. Hold ferrule firmly and crimp ferrule in place.
F. Tin inner conductor (do not overheat).
G. Trim inner conductor as shown.

FIGURE #3

H. Install rear dielectric onto inner sleeve, place center contact onto inner conductor. Heat center contact and push it over inner conductor of cable with lip of center contact resting firmly against the rear dielectric (do not overheat).
I. Remove excess solder and flux.

FIGURE #4

J. Insert front dielectric unto the center contact.
K. Install housing assembly unto inner sleeve, engage threads of clamp nut, torque from 7 to 10 in. Lbs.

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