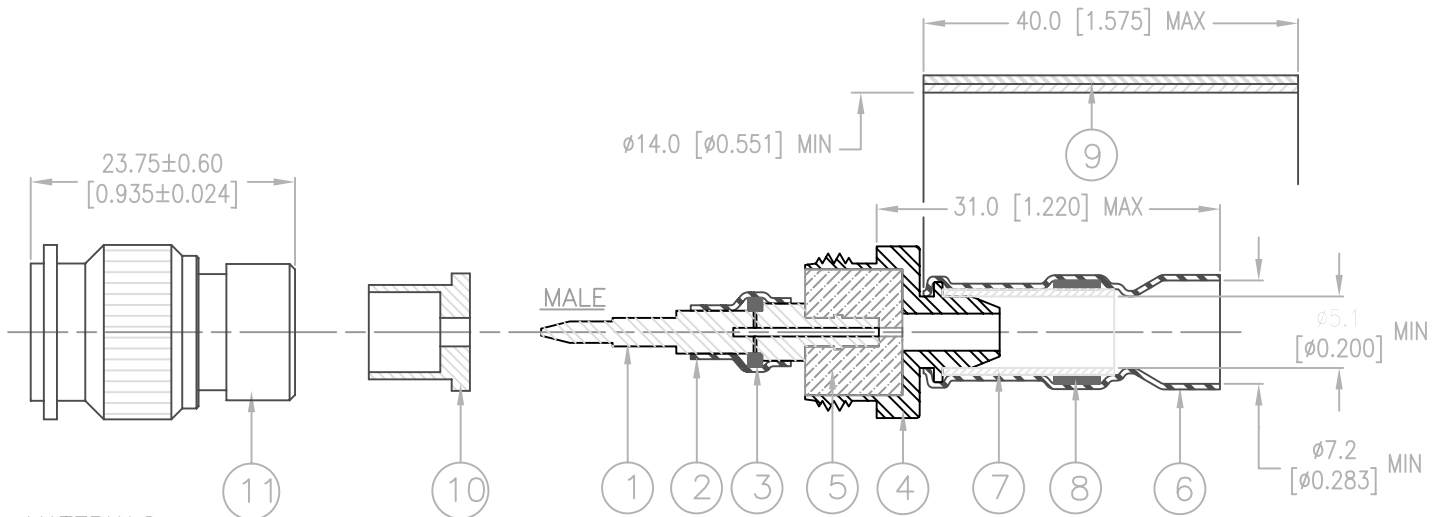


# SPECIFICATION CONTROL DRAWING



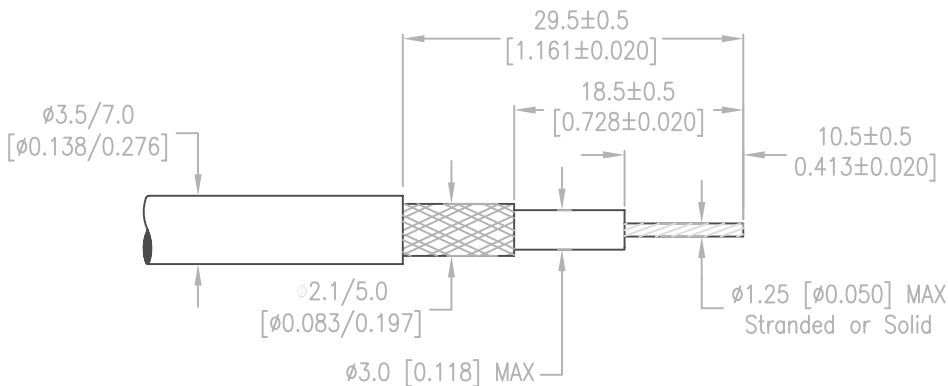
## MATERIALS:

- Center Contact: Gold plated brass (male).
- & 6. Heat Shrinkable Insulation Sleeve: Radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
- & 8. Solder Preform: Sn63Pb37 solder per ANSI/J-STD-006. ROL1 flux per ANSI/J-STD-004.
- Threaded Transition Part: Silver plated brass.
- Dielectric Insulator: PolyTetraFluoroEthylene
- Shield: Solder impregnated, flux coated copper braid. Solder: Sn63Pb37 per ANSI/J-STD-006. Flux: ROM1 per ANSI/J-STD-004.
- Heat Shrinkable Insulation Sleeve: Radiation cross-linked modified polyolefin with adhesive. Color: black, Marked: PTD-50-82-S
- Dielectric Insulator: PolyTetraFluoroEthylene
- Connector Body: Nickel plated brass.

## APPLICATION:

- This controlled soldering device is designed for terminating the center conductor & the braid of 50Ω single or double braided coaxial cables with the following:
  - Tin or silver plated conductor and braid.
  - An insulation rating of at least 85°C.
- The assembly is intermatable with MIL-PRF-39012C TNC type connectors.
- Temperature range:
  - \*With black sleeve ⑨ : -55°C to +100°C.
  - \*Without black sleeve ⑨ : -55°C to +150°C.
- For installation procedure and application equipment consult RPIP-683-00-SAAB.
- This device will meet Raychem specification RB-115 when assembled properly.

For best results, prepare the cable as shown:



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**tyco**  
**Electronics**

**Raychem** Products

305 Constitution Drive, Menlo Park, CA. 94025 USA

TITLE:

PLUGPAK CONNECTOR  
50Ω TNC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.  
INCHES DIMENSIONS ARE SHOWN IN BRACKETS.

TOLERANCES:

0.00  
0.0  
0

ANGLES:

ROUGHNESS  
IN MICRON

TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS  
DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE  
SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

DOCUMENT NO:

PTD-50-82-S

CAD FILE:

D020432

REPLACES:

D980672

DRAWN:

MFORONDA

SIZE:

A

SCALE:

NONE

PROD. REV.

A

DOC. REV.:

3

DATE:

10/25/02

SHEET:

1 OF 1

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