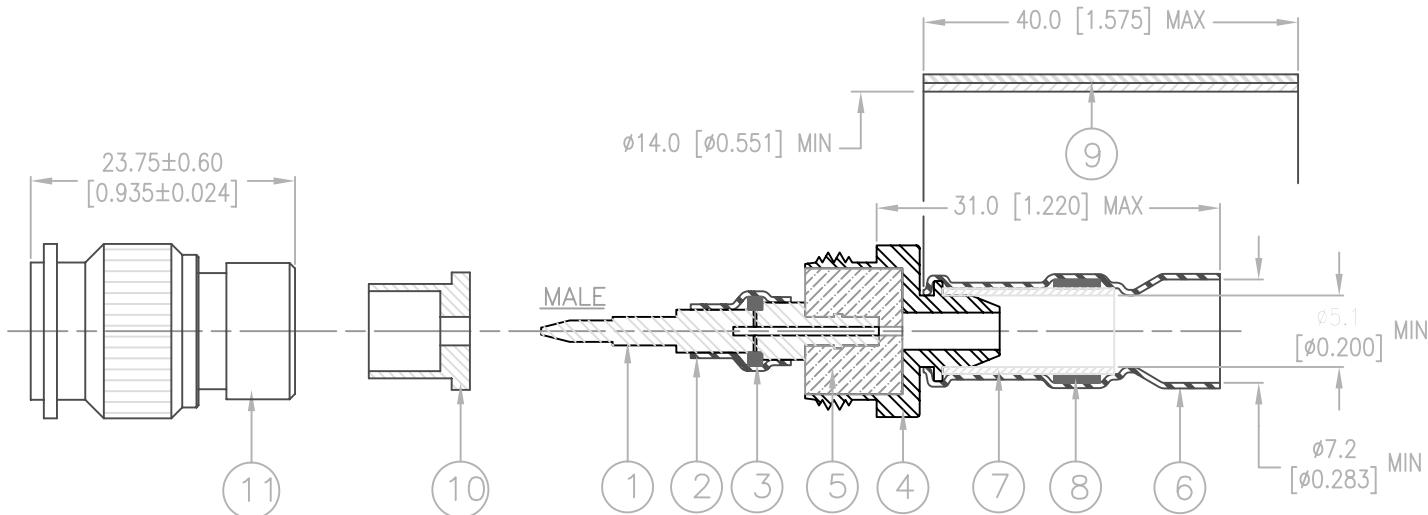


SPECIFICATION CONTROL DRAWING



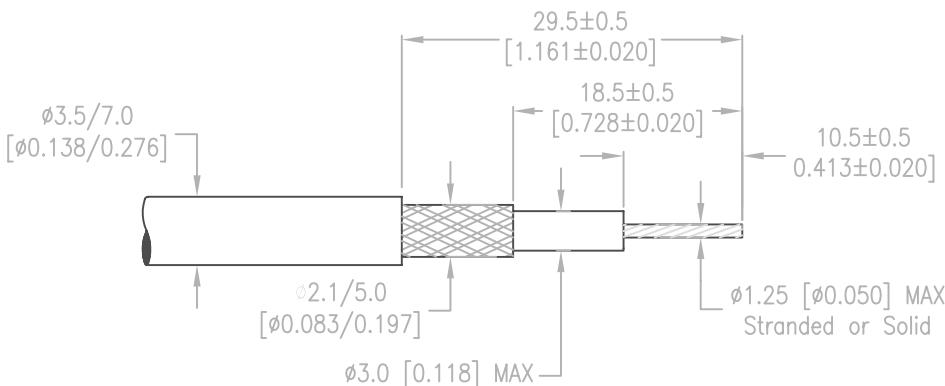
MATERIALS:

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

APPLICATION:

1. 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.
2. The assembly is intermateable with MIL-PRF-39012C TNC type connectors.
3. Temperature range: *With black sleeve (9) : -55°C to +100°C.
*Without black sleeve (9) : -55°C to +150°C.
4. For installation procedure and application equipment consult RPIP-683-00-SAAB.
5. This device will meet Raychem specification RB-115 when assembled properly.

For best results, prepare the cable as shown:



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Check for the latest revision.

tyco
Electronics

Raychem Products
305 Constitution Drive, Menlo Park, CA. 94025 USA

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

TOLERANCES: 0.00
ANGLES: 0.00
ROUGHNESS IN MICRON: 0.00

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

TITLE:

PLUGPAK CONNECTOR
 50Ω TNC

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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[PTD-50-82-S](#)