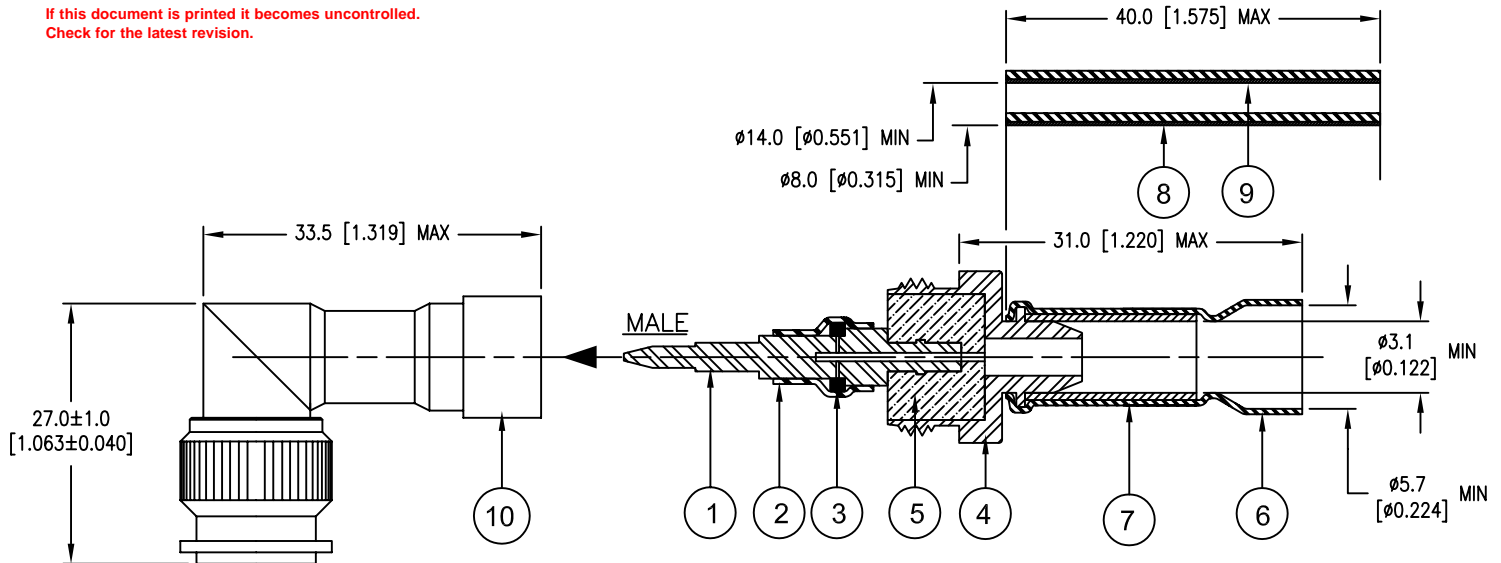


SPECIFICATION CONTROL DRAWING

If this document is printed it becomes uncontrolled.
Check for the latest revision.



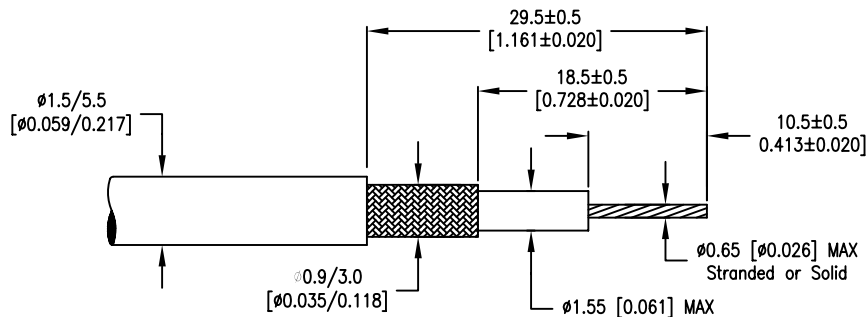
MATERIALS:

- Center Contact: Gold plated brass (male).
- & 6. Heat Shrinkable Insulation Sleeve: Radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
- 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.
- & 9. Heat Shrinkable Insulation Sleeves: Radiation cross-linked modified polyolefin with adhesive. Color: black.
- Connector Body, Right-Angle Plug: Brass, Black Nickel plated per MIL-P-18317, conductive.

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 (8)(9) : -55°C to +100°C.
*Without black sleeve (8)(9) : -55°C to +150°C.
- For installation procedure and application equipment consult RPI-683-00.
- This device will meet Tyco Electronics/Raychem Specification RB-115 when assembled properly.

For best results, prepare the cable as shown:



© 2004 Tyco Electronics Corporation. All rights reserved.

tyco
Electronics

Tyco Electronics Corporation
300 Constitution Drive
Menlo Park, CA. 94025 U.S.A.

Raychem

TITLE: RF ONE STEP CONNECTOR
RIGHT ANGLE PLUG, 50-OHM TNC
NON-REFLECTIVE FINISH

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:

RTD-50-S-01-BN

CAD FILE:
D040146

REPLACES:

DRAWN:

MFORONDA

SIZE:

A

SCALE:

NONE

PROD. REV.

N/A

DOC. REV.:

1

DATE:

6/14/04

SHEET:

1 OF 1