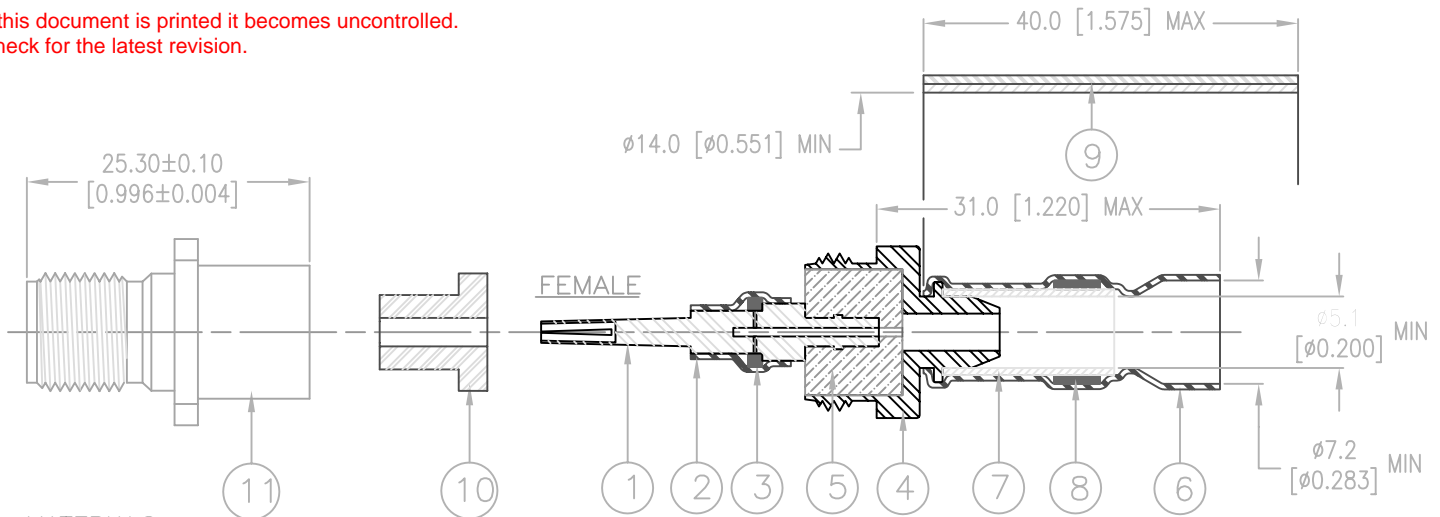


SPECIFICATION CONTROL DRAWING

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



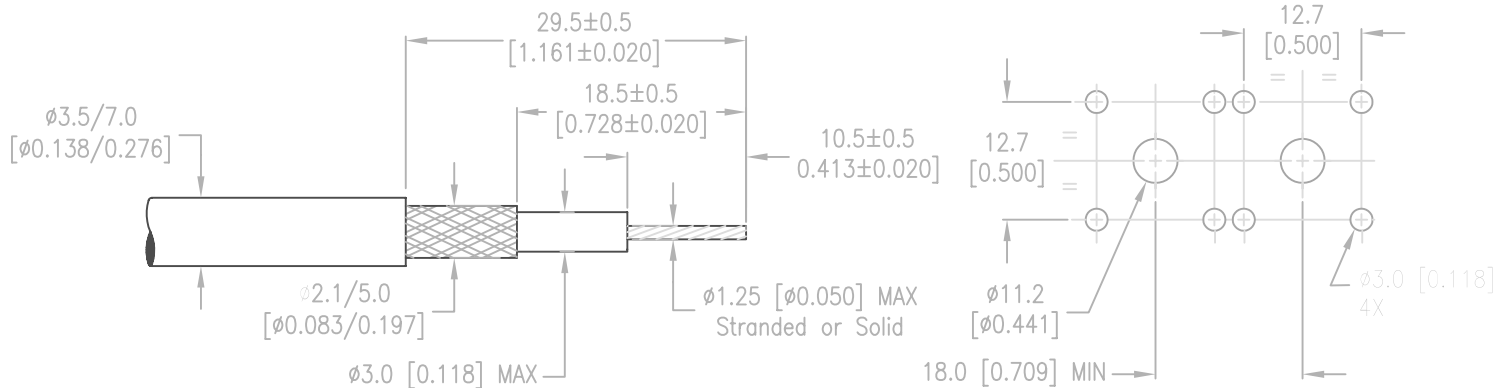
MATERIALS:

- Center Contact: Gold plated beryllium copper (female).
- & 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-50-83-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:



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
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.

TITLE:

PLUGPAK CONNECTOR
50Ω TNC

DOCUMENT NO:

PTD-50-83-S

CAD FILE:	REPLACES:	DRAWN:	SIZE:	SCALE:	PROD. REV.	DOC. REV.:	DATE:	SHEET:
D020431	D000571	MFORONDA	A	NONE	A	2	10/25/02	1 OF 1

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