SPECIFICATION CONTROL DRAWING

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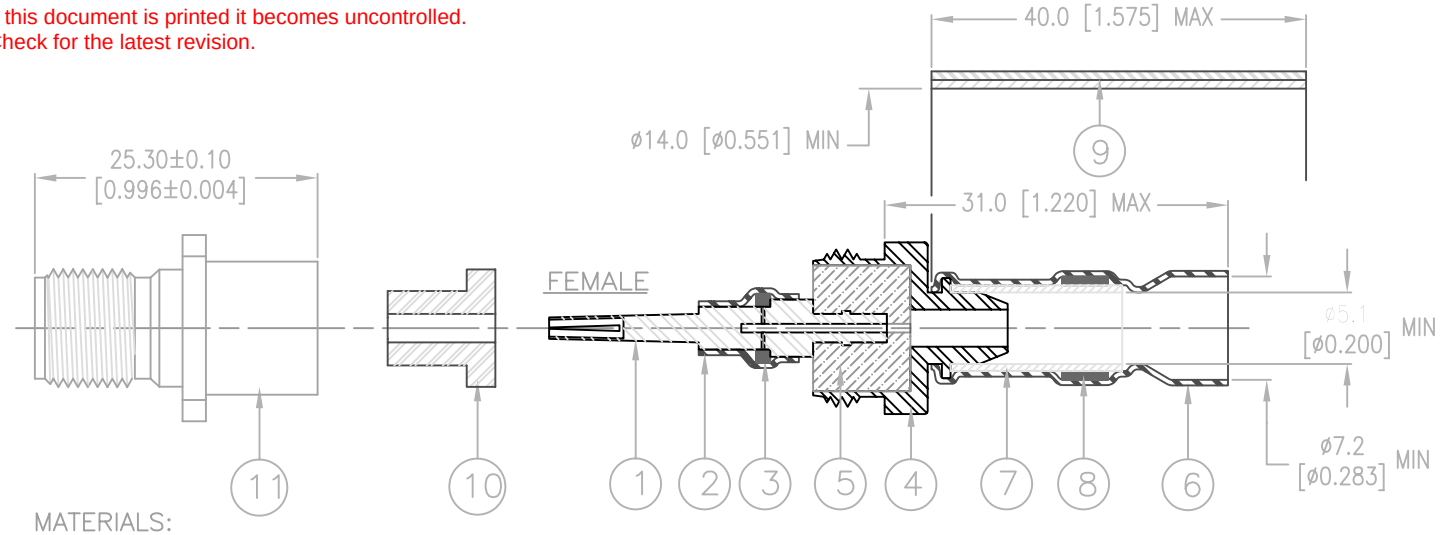


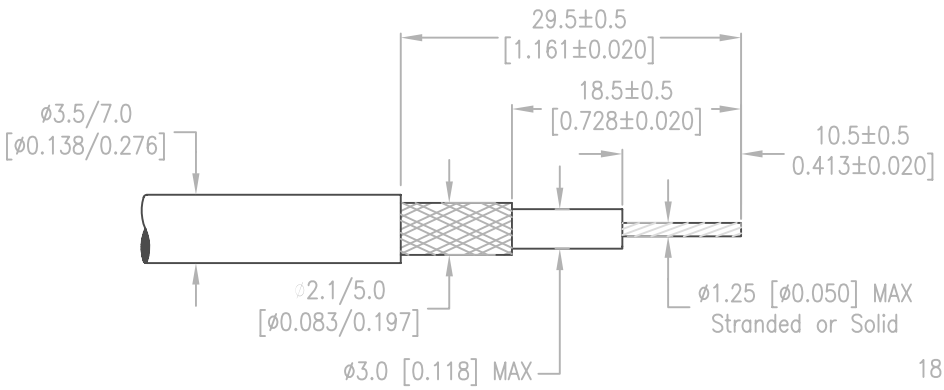
MATERIALS:

1. Center Contact: Gold plated beryllium copper (female).
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-50-83-S
10. Dielectric Insulator: PolyTetraFluoroEthylene
11. Connector Body: Nickel plated brass.

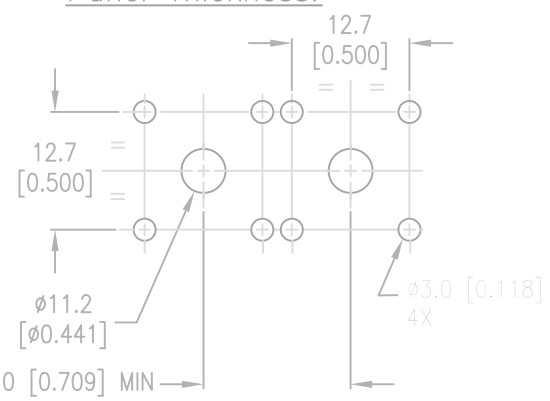
APPLICATION:

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 intermatable 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:



Panel Thickness:



tyco Electronics

Raychem *Products*
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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:
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