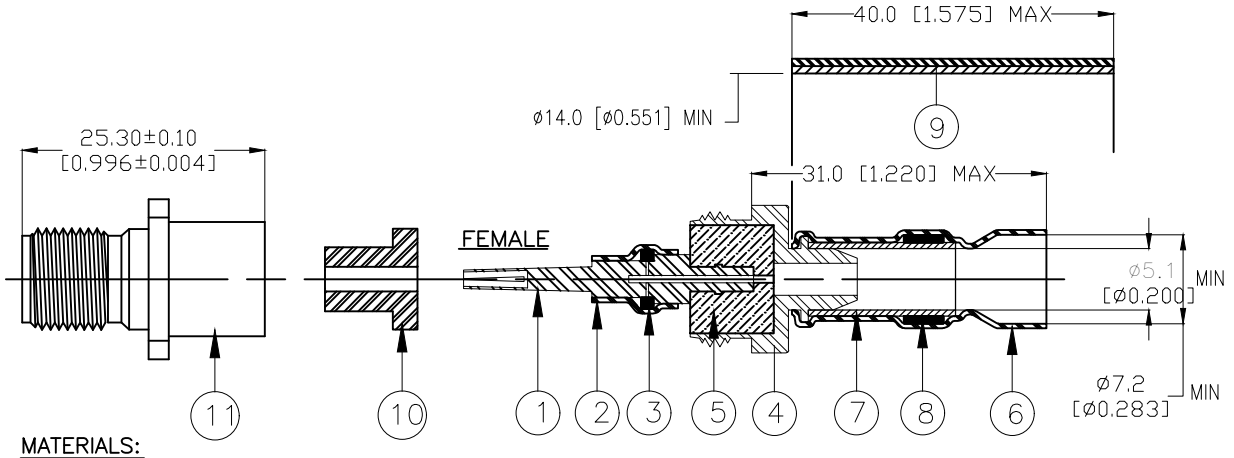
THIS DRAWING IS A CONTROLLED DOCUMENT.

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	3	REVISED AS PER ECO-20-003569.	11MAR2020	TC	NP



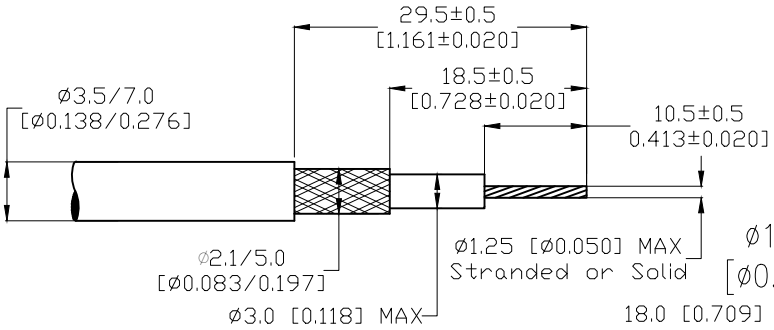
MATERIALS:

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: Sn62Ag2Pb36 solder per ANSI/J-STD-006. ROL0 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: Sn62Ag2Pb36 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.

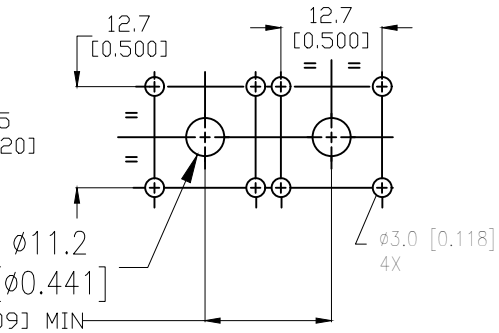
APPLICATION:

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:



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DIMENSIONS: mm [INCHES]	DWN T.CORREIA 11MAR2020	MATERIAL –	FINISH –
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK R.MACNAUGHTON 11MAR2020	TE Connectivity	
0 PLC ± –	APVD N.PRZYBYLSKA 11MAR2020		
1 PLC ± –	PRODUCT SPEC —	NAME PLUGPAK CONNECTOR 50 OHM TNC	
2 PLC ± –			
3 PLC ± –	APPLICATION SPEC —	SIZE A4 / CAGE CODE 06090	DRAWING NO C-PTD-50-83-S / RESTRICTED TO —
4 PLC ± –			
ANGLES ± –	WEIGHT —		
CUSTOMER DRAWING		SCALE DNS / SHEET 1 OF 1	REV 3

1469-35 (1/15)