SPECIFICATION CONTROL DRAWING ### 40.0 [1.575] MAX ### 40.0 [1.575] MAX ### 31.0 [1.220] MAX ### 31.0 [1.220] MAX ### 1.063±0.040]

ø12.7 [ø0.500] MIN

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—92—S
- 10. Connector Body: Nickel plated brass.

APPLICATION:

TOLERANCES:

D020437

CAD FILE:

ANGLES:

ROUGHNESS IN MICRON

REPLACES:

D980677

- 1. This controlled soldering device is designed for terminating the center conductor & the braid of 502 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.

TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS

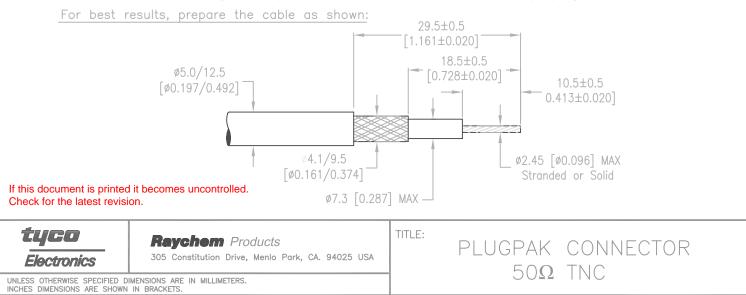
MFORONDA

DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE

SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

DRAWN-

- 4. For installation procedure and application equipment consult RPIP-683-00-SAAB.
- 5. This device will meet Raychem specification RB-115 when assembled properly.



DOCUMENT NO:

SCALE:

NONE

PROD. REV.

PTD-50-92-S

SHEET:

1 OF 1

10/25/02

DOC REV