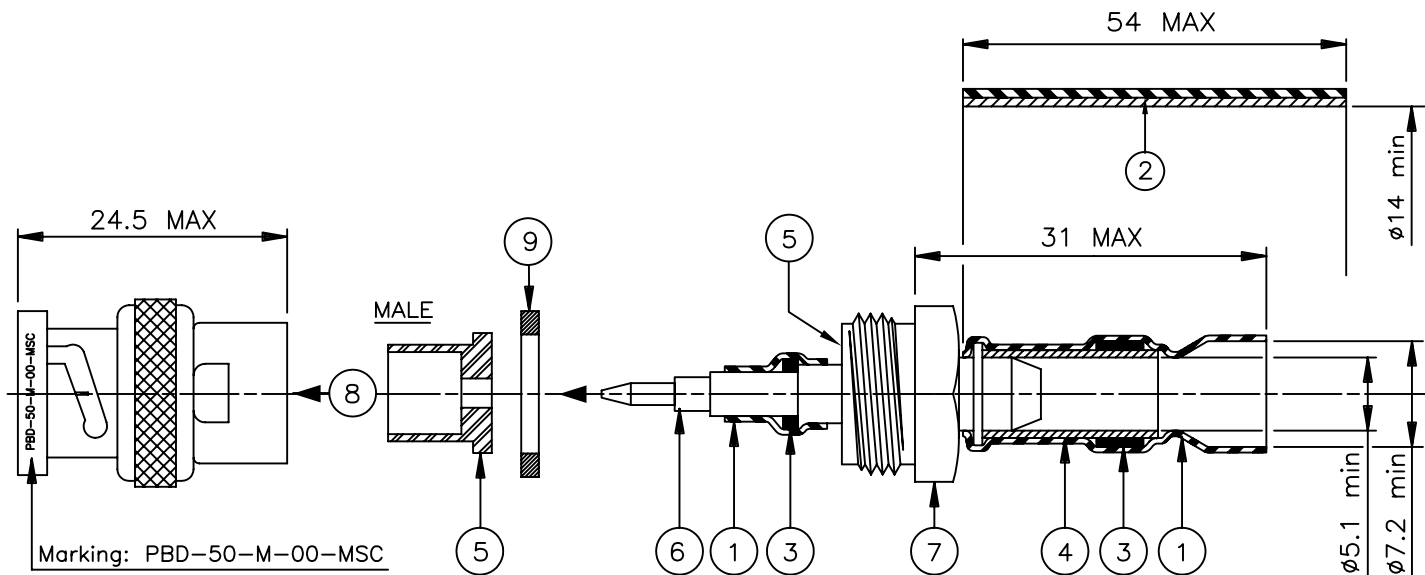


# SPECIFICATION CONTROL DRAWING



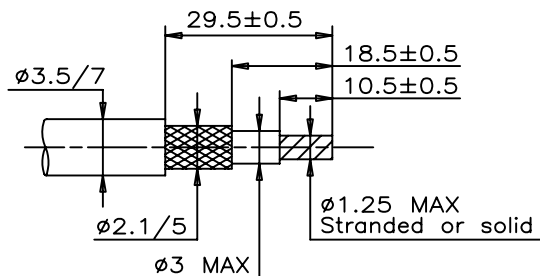
## MATERIAL:

1. Insulation Sleeve: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. Insulation Sleeve: Heat-shrinkable, radiation cross-linked modified polyolefin with adhesive. Color: black.
3. Solder Preform with Flux: Sn63 solder per ANSI-J-STD-006. ROL1 flux per ANSI-J-STD-004.
4. Shield: Tin plated, flux coated copper braid. Flux: ROM1 per ANSI-STD-004.
5. Insulator : Polytetrafluorethylene.
6. Center Contact: Gold plated brass (male).
7. Threaded Transition Part: Silver plated brass.
8. Marked Body: Nickel plated brass.
9. O-Ring: Silicon.

## APPLICATION:

1. This controlled soldering device is designed to connect, with a MIL-C-39012C BNC intermatable part a 50Ω single or double braided coaxial cable having a:
  - Tin or silver plated copper outer conductor.
  - Tin or silver plated inner conductor.
 and insulation rated for at least +85°C.
2. Temperature range: -55°C to 135°C.
3. For installation procedure and application equipment, consult either RPIP-683-00 or RPIP-683-00-D.

For best results, prepare the cable as shown:



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**Raychem**

THERMOFIT  
DEVICES

Raychem Corporation  
300 Constitution Drive  
Menlo Park, CA 94025

TITLE:

PLUGPAK\* CONNECTOR  
50Ω BNC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES:

0.00 —  
0.0 —  
0 —

ANGLES: —

ROUGHNESS  
IN MICRON

RAYCHEM RESERVES THE RIGHT TO AMEND  
THIS DRAWING AT ANY TIME. USERS SHOULD  
EVALUATE THE SUITABILITY OF THE PRODUCT  
FOR THEIR APPLICATION.

DOCUMENT NO:

PBD-50-M-00-MS-C

CAD FILE:  
D981525

REPLACES:  
Pbd5mmsc

DRAWN:  
MFORONDA

SIZE:  
A

PROD. REV.:  
D

SCALE:  
NONE

DOC. REV.:  
1

DATE:  
08.31.98

SHEET:  
1 OF 1