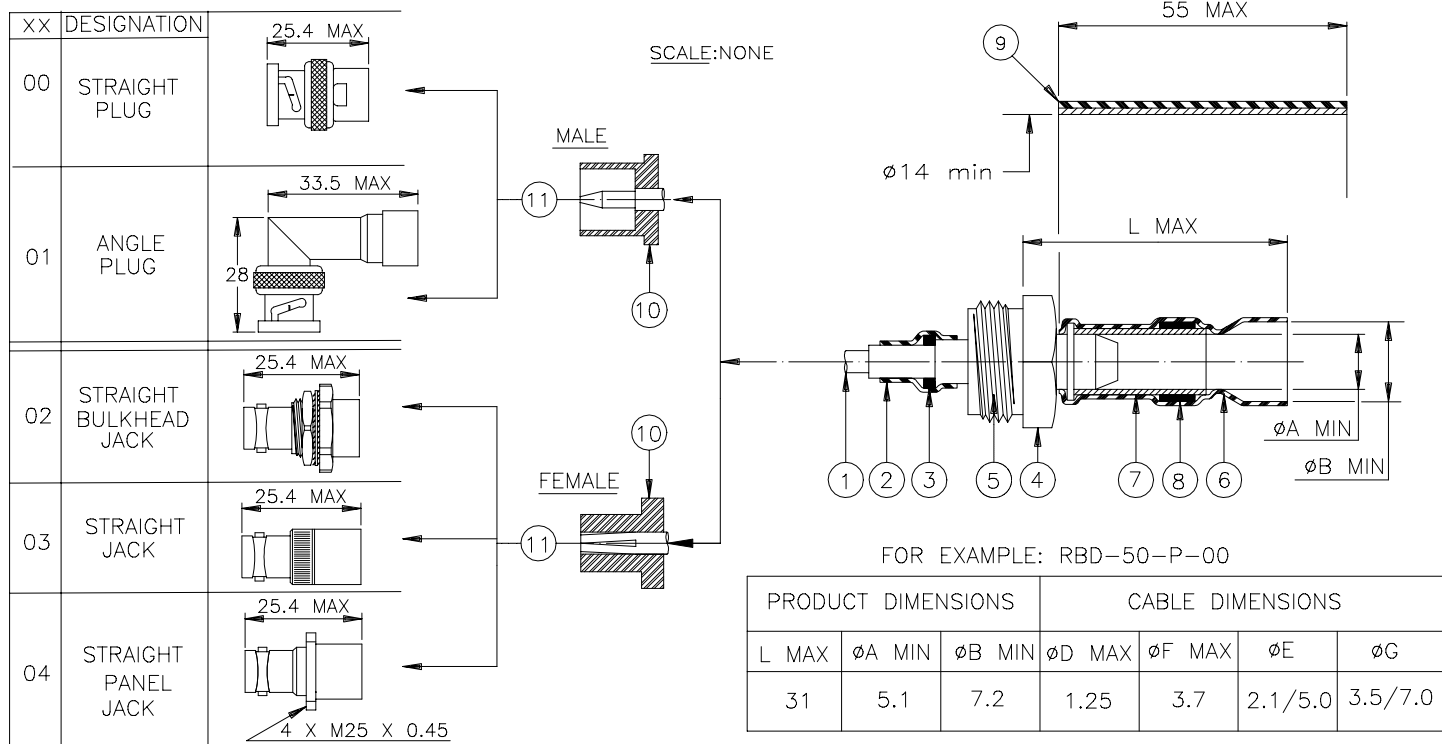


## SPECIFICATION CONTROL DRAWING

MATERIAL:

1. CENTER CONTACT: GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- 2,6. HEAT SHRINKABLE INSULATION SLEEVE, TRANSPARENT BLUE: RADIATION CROSS-LINKED MODIFIED POLYVINYLIDENE FLUORIDE.
3. SOLDER PREFORM: Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
4. THREADED TRANSITION PART: SILVER PLATED BRASS.
5. INSULATOR: PTFE.
7. SOLDERSHIELD\* DEVICE: TIN PLATED COPPER BRAID WITH ACTIVATED ROSIN FLUX.
8. SOLDER PREFORM: Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
9. HEAT SHRINKABLE INSULATION SLEEVE, BLACK: RADIATION CROSS-LINKED MODIFIED POLYOLEFIN WITH ADHESIVE.
10. INSULATOR (EXCEPT FOR ANGLE PLUG): PTFE.
11. BODY: NICKEL PLATED BRASS.

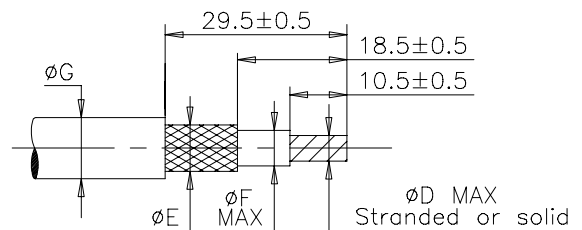
APPLICATION:

1. THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-C-390128 BNC INTERMATEABLE PART A 50Ω SINGLE OR DOUBLE BRAIDED COAXIAL 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:  
\* WITH BLACK SLEEVE: -55°C TO +100°C.  
\* WITHOUT BLACK SLEEVE: -55°C TO 150°C.
3. FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT EITHER RPIP-683-00 OR RPIP-683-00-D.

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

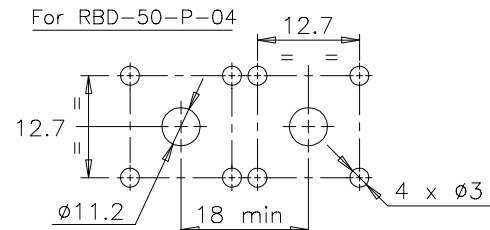
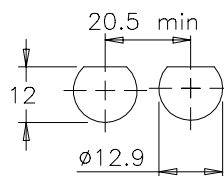
FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:

Panel thickness: 3.2 MAX



For RBD-50-P-02

For RBD-50-P-04



**Raychem**

THERMOFIT  
DEVICES

Raychem Corporation  
300 Constitution Drive  
Menlo Park, CA 94025

TITLE:

ONE STEP RF 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:

RBD-50-P-XX

CAD FILE:  
D990372

REPLACES:  
N/A

DRAWN:  
M. FORONDA

SIZE:  
A

PROD. REV.:  
A

SCALE:

DOC. REV.:  
0

DATE:  
04-08-99

SHEET:  
1 OF 1