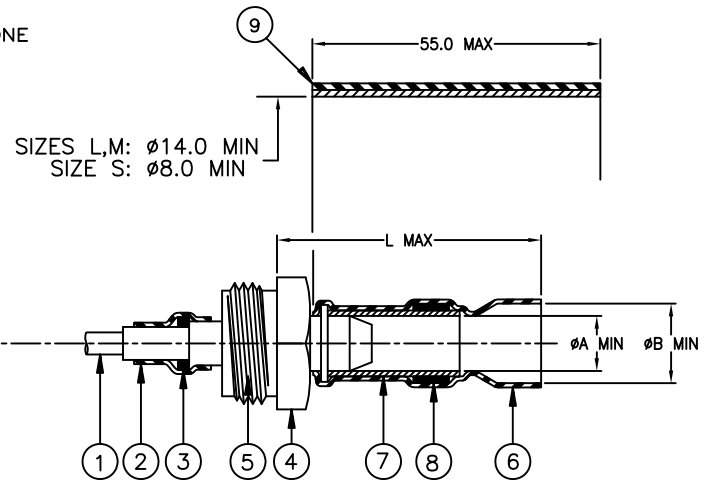
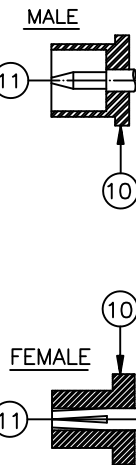


# CUSTOMER DRAWING

| -XX  | DESIGNATION            |                            |
|------|------------------------|----------------------------|
| 00   | STRAIGHT PLUG          | 24.5 MAX                   |
| 00-H | STRAIGHT PLUG          |                            |
| 01   | ANGLE PLUG             | 33.5 MAX<br>28.0           |
| 01-H | ANGLE PLUG             |                            |
| 02   | STRAIGHT BULKHEAD JACK | 25.4 MAX                   |
| 03   | STRAIGHT JACK          | 25.4 MAX                   |
| 04   | STRAIGHT PANEL JACK    | 25.4 MAX<br>4 X M25 X 0.45 |
| 05   | STRAIGHT PLUG          | 24.5 MAX                   |
| 05-H | STRAIGHT PLUG          |                            |

☉ -H PARTS HAVE HEX NUT COUPLING WITH LOCK WIRE HOLES.

SCALE: NONE



FOR EXAMPLE: RTD-50-M-00

|    | PRODUCT DIMENSIONS |        |        | CABLE DIMENSIONS |        |         |          |
|----|--------------------|--------|--------|------------------|--------|---------|----------|
| -X | L MAX              | ØA MIN | ØB MIN | ØD MAX           | ØF MAX | ØE      | ØG       |
| L  | 31.0               | 9.6    | 12.7   | 2.45             | 7.30   | 4.1/9.5 | 5.0/12.5 |
| M  | 31.0               | 5.1    | 7.2    | 1.25             | 3.00   | 2.1/5.0 | 3.5/7.0  |
| S  | 26.0               | 3.1    | 5.7    | 0.65             | 1.55   | 0.9/3.0 | 1.5/5.5  |

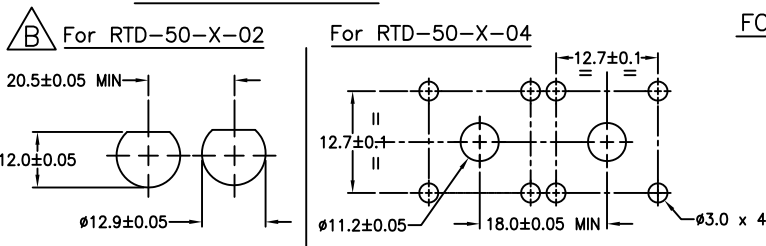
## MATERIAL:

- CENTER CONTACT. GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- HEAT SHRINKABLE INSULATION SLEEVE, TRANSPARENT BLUE. RADIATION CROSS-LINKED MODIFIED POLYVINYLIDENE FLUORIDE.
- SOLDER PREFORM. Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
- THREADED TRANSITION PART. SILVER PLATED BRASS.
- INSULATOR. PTFE.
- SOLDERSHIELD DEVICE. TIN PLATED COPPER BRAID WITH ACTIVATED ROSIN FLUX.
- SOLDER PREFORM (ON L AND M SIZE ONLY). Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
- HEAT SHRINKABLE INSULATION SLEEVE, BLACK. RADIATION CROSS-LINKED MODIFIED POLYOLEFIN WITH ADHESIVE.
- INSULATOR (EXCEPT FOR ANGLE PLUG), PTFE.
- BODY, NICKEL PLATED BRASS.

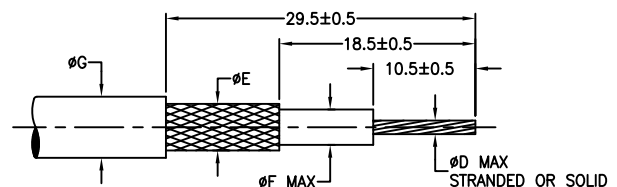
## APPLICATION:

- THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-PRF-39012 TNC 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.
- TEMPERATURE RANGE:  
\* WITH BLACK SLEEVE: -55°C TO 100°C.  
\* WITHOUT BLACK SLEEVE: -55°C TO 150°C.
- FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT RPIP-683-00.

PANEL THICKNESS: 3.2 MAX



FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



© 2014 TE Connectivity Ltd. All Rights Reserved

Raychem Devices



TE Connectivity

Raychem  
DEVICES

TITLE:

RF ONE STEP CONNECTOR  
50 OHM TNC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.

## TOLERANCES:

0.00 —  
0.0 —  
0 —

## ANGLES:

ROUGHNESS  
IN MICRON

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

DOCUMENT NO:

RTD-50-Y-XX /-XX-H

ECO NO:  
ECO-14-009904

DRAWN:  
N. NAGAR

SIZE:  
A

SCALE:  
1:1

CHECKED:  
N. PRZYBYLSKA

DOC. REV:  
B

DATE:  
30JUN14

SHEET:  
1 OF 1