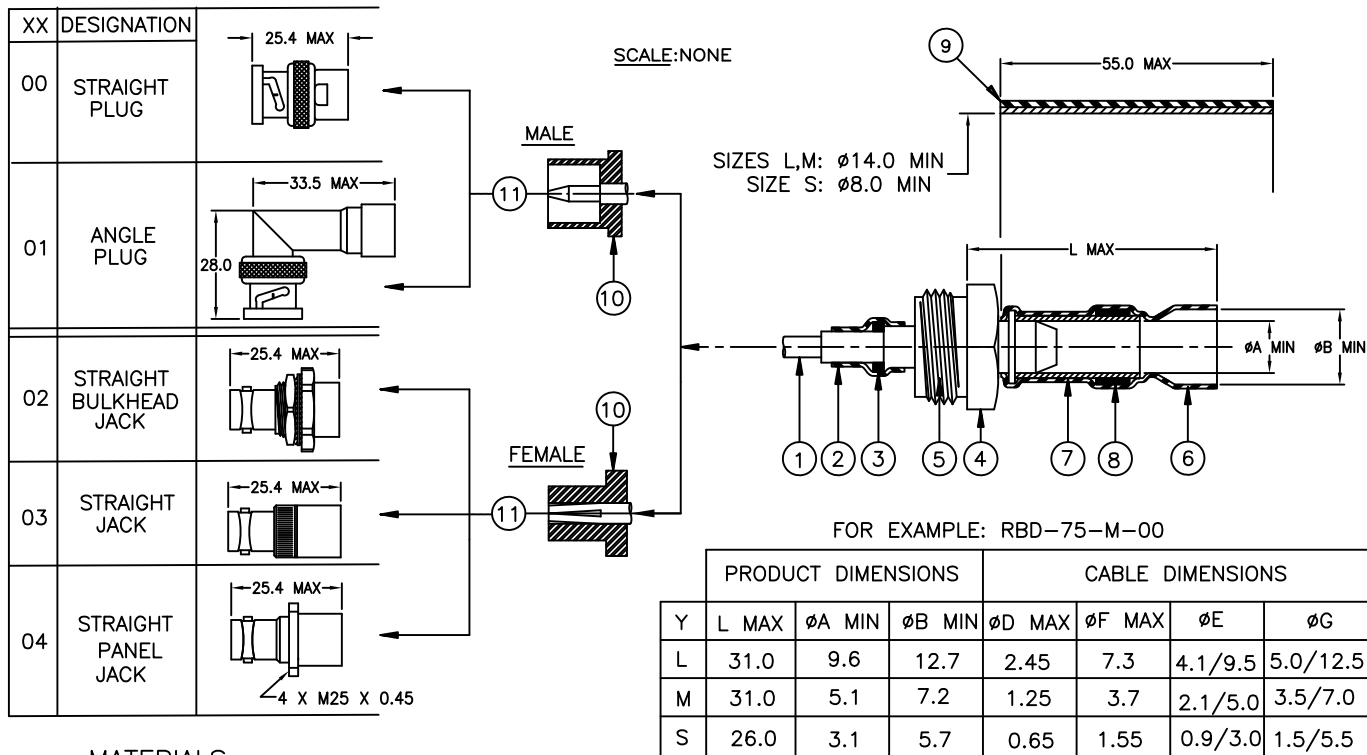


# CUSTOMER DRAWING



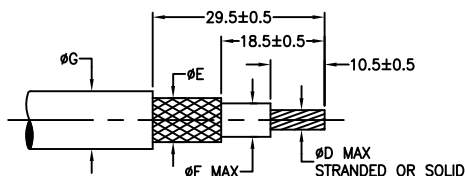
## MATERIALS:

- CENTER CONTACT: GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- INSULATION SLEEVE: HEAT SHRINKABLE, 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 MILDLY ACTIVATED ROSIN FLUX.
- SOLDER PREFORM (ON L AND M SIZE ONLY): Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
- INSULATION SLEEVE: HEAT SHRINKABLE, COLOR 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 BNC INTERMATEABLE PART, A 75Ω 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 EITHER RPIP-683-00 OR RPIP-683-00-D.

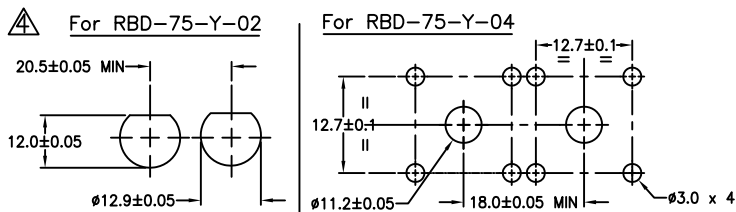
FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



© 2014 TE Connectivity Ltd. All Rights Reserved

IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED. CHECK FOR THE LATEST REVISION.

PANEL THICKNESS: 3.2 MAX



**TE**

**Raychem**  
PRODUCTS

**TE Connectivity**

TITLE:

ONE STEP RF CONNECTOR  
75Ω BNC

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:

**RBD-75-Y-XX**

ECO NO:  
ECO-14-009904

DRAWN:  
N. NAGAR

SIZE:  
A

SCALE:  
1:1

CHECKED:  
N. PRZYBYLSKA

DOC. REV:  
4

DATE:  
30JUN14

SHEET:  
1 OF 1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[RBD-75-L-00](#)