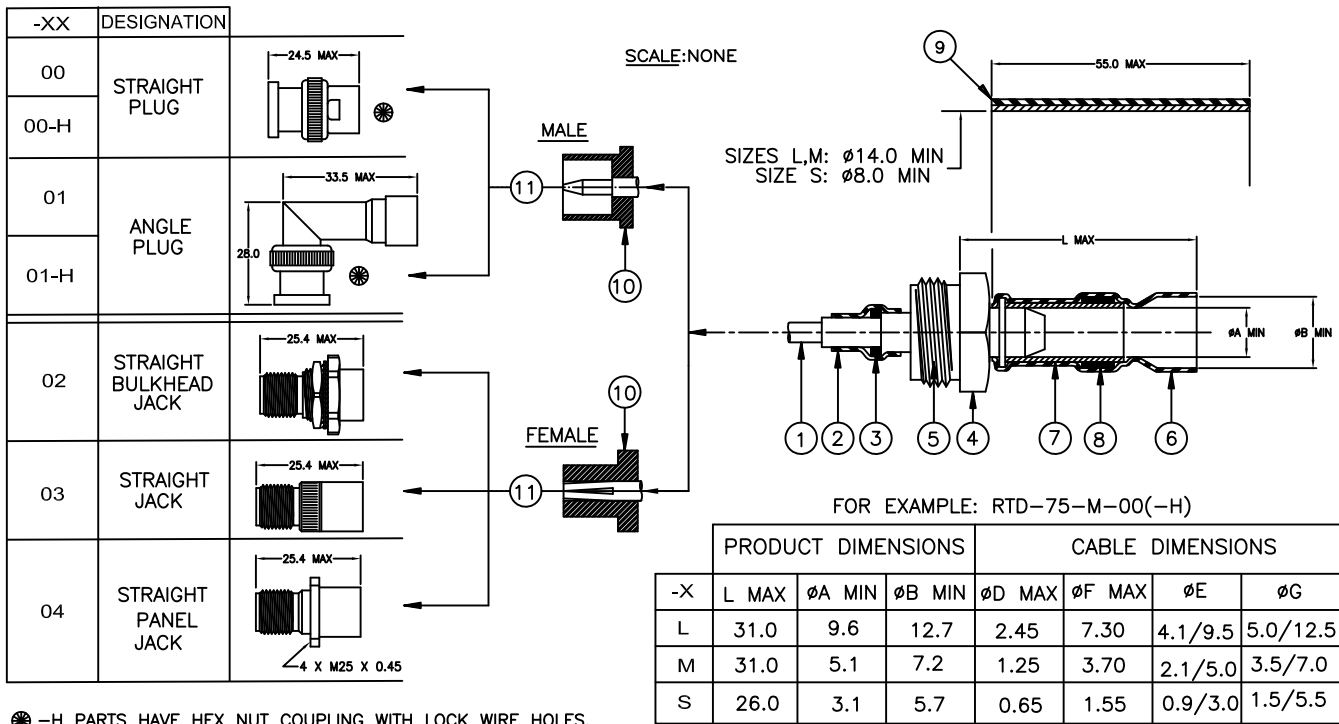


# CUSTOMER DRAWING



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

## MATERIAL:

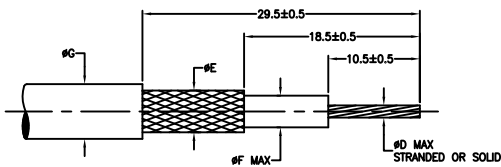
- CENTER CONTACT. GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- HEAT SHRINKABLE INSULATION SLEEVE, TRANSPARENT BLUE. RADIATION CROSS-LINKED MODIFIED POLYVINYLIDENE FLUORIDE.
- SOLDER PREFORM. Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
- THREADED TRANSITION PART. SILVER PLATED 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  $75\Omega$  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  $+85^\circ\text{C}$ .
- TEMPERATURE RANGE:
  - \* WITH BLACK SLEEVE:  $-55^\circ\text{C}$  TO  $100^\circ\text{C}$ .
  - \* WITHOUT BLACK SLEEVE:  $-55^\circ\text{C}$  TO  $150^\circ\text{C}$ .
- FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT RPIP-683-00.

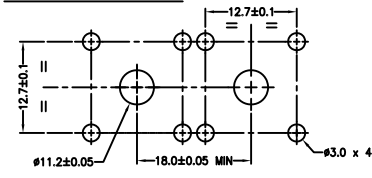
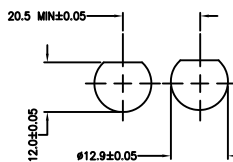
FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:

PANEL THICKNESS: 3.2 MAX



For RTD-75-X-02

For RTD-75-X-04



©2014 Tyco Electronics Corporation. All rights reserved.



TE Connectivity

Raychem  
PRODUCTS

TITLE:

ONE STEP RF CONNECTOR  
75-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-75-X-XX/-XX-H

ECO NO:  
ECO-14-009904

DRAWN:  
N. NAGAR

SIZE:  
A

SCALE:  
---

CHECKED:  
N. PRZYBYLSKA

DOC. REV:  
3

DATE:  
30JUN14

SHEET:  
1 OF 1