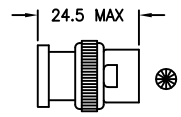
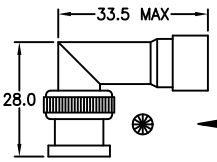
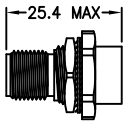
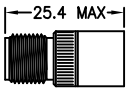
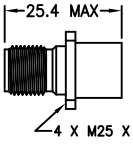
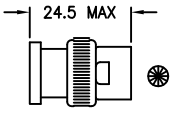
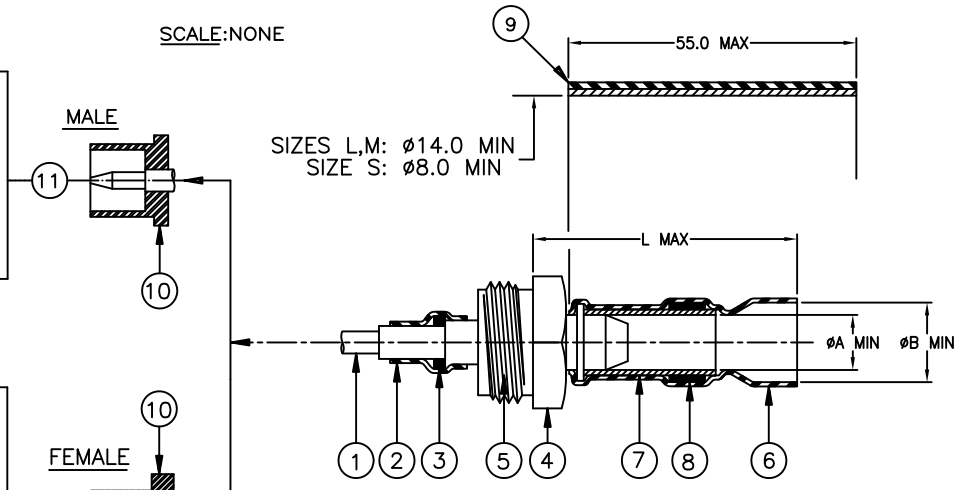
CUSTOMER DRAWING

-XX	DESIGNATION	
00	STRAIGHT PLUG	
00-H		
01	ANGLE PLUG	
01-H		
02	STRAIGHT BULKHEAD JACK	
03	STRAIGHT JACK	
04	STRAIGHT PANEL JACK	
05	STRAIGHT PLUG	
05-H		

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

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

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 FLOURIDE.
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 (ON L AND M SIZE ONLY). 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.

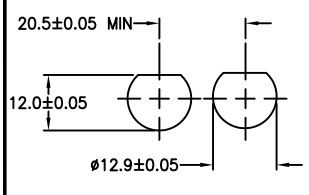
APPLICATION:

1. THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-PRF-39012 TNC INTERMATABLE PART, A 50Ω SINGLE OR DOUBLE BRAIDED COAXIAL HAVING A:
   - -TIN OR SILVER PLATED COPPER OUTER CONDUCTOR.
   - -TIN OR SILVER PLATED INNER CONDUCTOR.

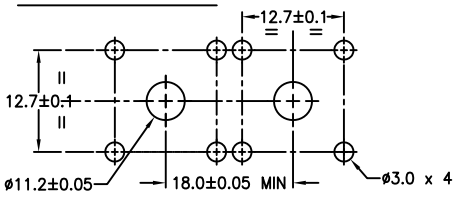
   AND INSULATION RATED FOR AT LEAST +85°C.
2. TEMPERATURE RANGE:
   - * WITH BLACK SLEEVE: -55°C TO 100°C.
   - * WITHOUT BLACK SLEEVE: -55°C TO 150°C.
3. FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT RPIP-683-00.

PANEL THICKNESS: 3.2 MAX

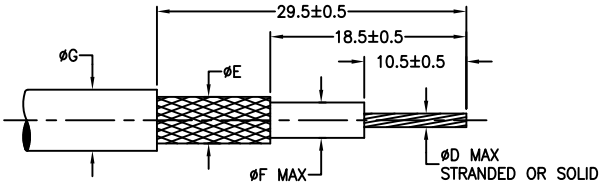
Ⓑ For RTD-50-X-02



For RTD-50-X-04



FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



Raychem Devices

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TE	TE Connectivity	Raychem DEVICES	TITLE: RF ONE STEP CONNECTOR 50 OHM TNC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES:
0.00 ANGLES:
0.0 ROUGHNESS
0 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:	DRAWN:	SIZE:	SCALE:	CHECKED:	DOC. REV:	DATE:	SHEET:
ECO-14-009904	N. NAGAR	A		N. PRZYBYLSKA	B	30JUN14	1 OF 1

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