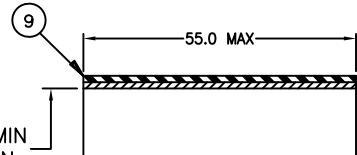


# CUSTOMER DRAWING

XX	DESIGNATION	25.4 MAX
00	STRAIGHT PLUG	
01	ANGLE PLUG	33.5 MAX 28.0
02	STRAIGHT BULKHEAD JACK	25.4 MAX
03	STRAIGHT JACK	25.4 MAX
04	STRAIGHT PANEL JACK	25.4 MAX 4 X M25 X 0.45

SCALE: NONE

SIZES L,M:  $\phi 14.0$  MIN  
SIZE S:  $\phi 8.0$  MIN



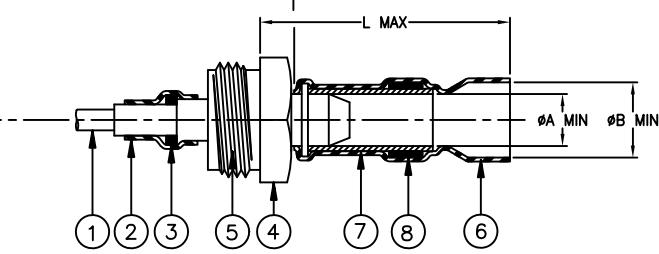
10

FEMALE

10

11

11



FOR EXAMPLE: RBD-75-M-00

Y	PRODUCT DIMENSIONS			CABLE DIMENSIONS			
	L MAX	$\phi A$ MIN	$\phi B$ MIN	$\phi D$ MAX	$\phi F$ MAX	$\phi E$	$\phi G$
L	31.0	9.6	12.7	2.45	7.3	4.1/9.5	5.0/12.5
M	31.0	5.1	7.2	1.25	3.7	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

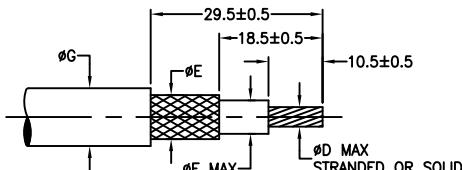
## MATERIALS:

1. CENTER CONTACT: GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- 2,6. INSULATION SLEEVE: HEAT SHRINKABLE, TRANSPARENT BLUE. RADIATION CROSS-LINKED MODIFIED POLYVINYLDIENE 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 MILDLY ACTIVATED ROSIN FLUX.
8. SOLDER PREFORM (ON L AND M SIZE ONLY): Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
9. INSULATION SLEEVE: HEAT SHRINKABLE, COLOR 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 BNC 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  $+85^\circ\text{C}$ .
2. TEMPERATURE RANGE:
  - \* WITH BLACK SLEEVE:  $-55^\circ\text{C}$  TO  $+100^\circ\text{C}$ .
  - \* WITHOUT BLACK SLEEVE:  $-55^\circ\text{C}$  TO  $+150^\circ\text{C}$ .
3. FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT EITHER RPIP-683-00 OR RPIP-683-00-D.

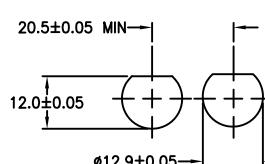
FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



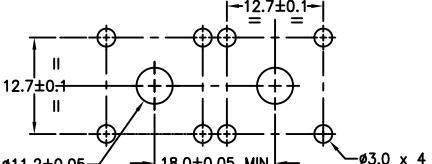
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PANEL THICKNESS: 3.2 MAX

▲ For RBD-75-Y-02



For RBD-75-Y-04



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**Raychem**  
PRODUCTS

**TE Connectivity**

TITLE: ONE STEP RF CONNECTOR  
 $75\Omega$  BNC

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:

RBD-75-Y-XX

ECO NO:  
ECO-14-009904

DRAWN:  
N. NAGAR

SIZE:  
A

SCALE:  
X

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