

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED AS PER ECO-20-003566.	09MAR2020	TC	NP

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

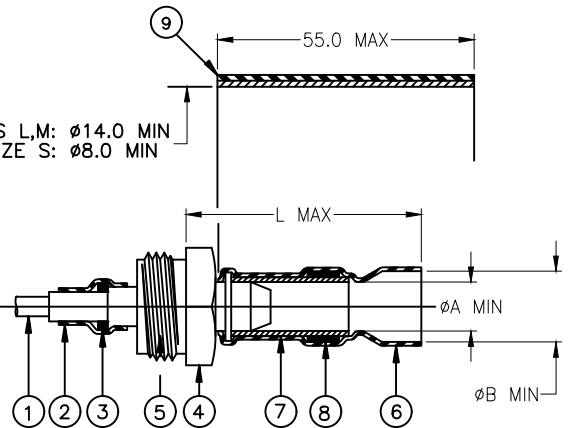
⊗ -H PARTS HAVE HEX NUT COUPLING WITH LOCK WIRE HOLES.

SCALE: NONE

MALE

FEMALE

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



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:

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 FLUORIDE.
3. SOLDER PREFORM. Sn63 Pb37 SOLDER ALLOY WITH ROLO FLUX PER ANSI-J-STD-004.
4. THREADED TRANSITION PART. SILVER PLATED BRASS.
5. INSULATOR. PTFE.
7. SOLDERSHIELD DEVICE. TIN PLATED COPPER BRAID WITH ROLO FLUX PER ANSI-J-STD-004.
8. SOLDER PREFORM (ON L AND M SIZE ONLY). Sn63 Pb37 SOLDER ALLOY WITH ROLO FLUX PER ANSI-J-STD-004.
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.

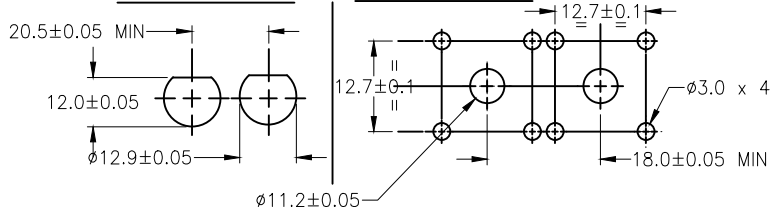
APPLICATION:

1. THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-PRF-39012 TNC INTERMEDIATE PART, A 50 Ω 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.

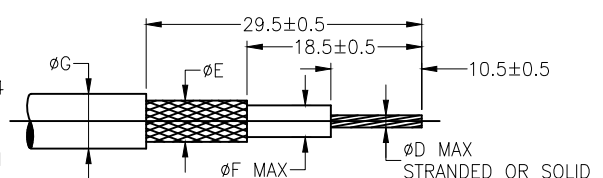
PANEL THICKNESS: 3.2 MAX

For RTD-50-X-02

For RTD-50-X-04



FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



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DIMENSIONS:

mm

DWN T.CORREIA 09MAR2020
CHK R.MACNAUGHTON 09MAR2020
APVD N.PRZYBYLSKA 09MAR2020
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

MATERIAL

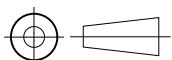
FINISH

TE

TE Connectivity

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC \pm -
1 PLC \pm -
2 PLC \pm -
3 PLC \pm -
4 PLC \pm -
ANGLES \pm -



NAME

RF ONE STEP CONNECTOR
50 OHM TNC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A4

06090

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

CUSTOMER DRAWING

SCALE

DNS

SHEET

1 OF 1

REV C

Mouser Electronics

Authorized Distributor

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

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[RTD-50-P-00](#) [RTD-50-M-01-H](#)