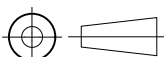


©

DIMENSIONS:		DWN	09MAR2020		MATERIAL		FINISH				
mm		T.CORREIA			-		-				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	09MAR2020		TE Connectivity						
		R.MACNAUGHTON									
		APVD	09MAR2020								
		N.PRZYBYLSKA									
0 PLC ± -		PRODUCT SPEC			NAME						
1 PLC ± -		-									
2 PLC ± -		APPLICATION SPEC			RF ONE STEP CONNECTOR 50 OHM TNC						
3 PLC ± -		-									
4 PLC ± -		-			SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO		
ANGLES ± -		WEIGHT			A4	06090	C-RTD-50-Y-XX/-XX-H		-		
		CUSTOMER DRAWING				SCALE	DNS	SHEET	1 OF 1	REV	C

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

MALE

FEMALE

Technical drawing of a cable gland assembly. The top view shows a side profile with a dimension of 55.0 MAX and a MIN dimension indicated by an arrow. The bottom view shows a cross-section of the assembly with dimensions L MAX, ϕA MIN, and ϕB MIN. Callouts 5 through 9 identify specific components: 5 (cable), 4 (cable gland body), 7 (cable gland cap), 8 (cable gland cap gasket), 6 (cable gland cap screw), 9 (cable gland cap screw head), and 3 (cable gland cap screw head gasket).

FOR EXAMPLE: RTD-50-M-00

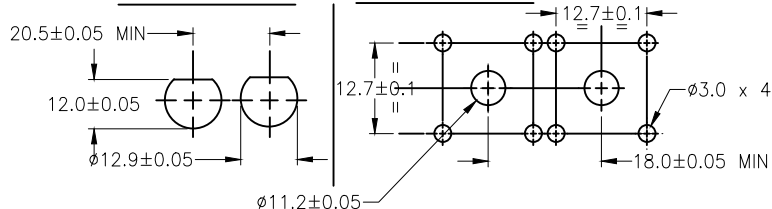
	PRODUCT DIMENSIONS			CABLE DIMENSIONS			
-X	L MAX	ØA MIN	ØB MIN	ØD MAX	ØF MAX	ØE	ØG
L	31.0	9.6	12.7	2.45	7.30	4.1/9.5	5.0/12.5
M	31.0	5.1	7.2	1.25	3.00	2.1/5.0	3.5/7.0
S	26.0	3.1	5.7	0.65	1.55	0.9/3.0	1.5/5.5

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.

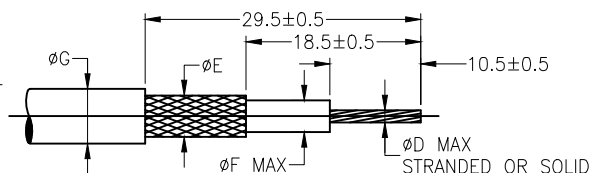
1. THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-PRF-39012 TNC INTERMATEABLE PART, A 50Ω SINGLE OR DOUBLE BRAIDED COAXIAL HAVING A:
 - TIN OR SILVER PLATED COPPER OUTER CONDUCTOR.
 - TIN OR SILVER PLATED INNER CONDUCTOR.
 - AND INSULATION RATED FOR AT LEAST +85°C.
2. TEMPERATURE 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 RPIIP-683-00.

For RTD-50-X-02

For RTD-50-X-04



FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



DIMENSIONS:

mm

DWN	09MAR2020
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T. CORREIA

CHK	09MAR2020
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R. MACNAUGHTON

APVD	09MAR2020
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PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

MATERIAL	QTY	UNIT	PRICE	TOTAL
1000	100	100	100	100
2000	200	200	200	200
3000	300	300	300	300
4000	400	400	400	400
5000	500	500	500	500
6000	600	600	600	600
7000	700	700	700	700
8000	800	800	800	800
9000	900	900	900	900
10000	1000	1000	1000	1000
11000	1100	1100	1100	1100
12000	1200	1200	1200	1200
13000	1300	1300	1300	1300
14000	1400	1400	1400	1400
15000	1500	1500	1500	1500
16000	1600	1600	1600	1600
17000	1700	1700	1700	1700
18000	1800	1800	1800	1800
19000	1900	1900	1900	1900
20000	2000	2000	2000	2000
21000	2100	2100	2100	2100
22000	2200	2200	2200	2200
23000	2300	2300	2300	2300
24000	2400	2400	2400	2400
25000	2500	2500	2500	2500
26000	2600	2600	2600	2600
27000	2700	2700	2700	2700
28000	2800	2800	2800	2800
29000	2900	2900	2900	2900
30000	3000	3000	3000	3000
31000	3100	3100	3100	3100
32000	3200	3200	3200	3200
33000	3300	3300	3300	3300
34000	3400	3400	3400	3400
35000	3500	3500	3500	3500
36000	3600	3600	3600	3600
37000	3700	3700	3700	3700
38000	3800	3800	3800	3800
39000	3900	3900	3900	3900
40000	4000	4000	4000	4000
41000	4100	4100	4100	4100
42000	4200	4200	4200	4200
43000	4300	4300	4300	4300
44000	4400	4400	4400	4400
45000	4500	4500	4500	4500
46000	4600	4600	4600	4600
47000	4700	4700	4700	4700
48000	4800	4800	4800	4800
49000	4900	4900	4900	4900
50000	5000	5000	5000	5000
51000	5100	5100	5100	5100
52000	5200	5200	5200	5200
53000	5300	5300	5300	5300
54000	5400	5400	5400	5400
55000	5500	5500	5500	5500
56000	5600	5600	5600	5600
57000	5700	5700	5700	5700
58000	5800	5800	5800	5800
59000	5900	5900	5900	5900
60000	6000	6000	6000	6000
61000	6100	6100	6100	6100
62000	6200	6200	6200	6200
63000	6300	6300	6300	6300
64000	6400	6400	6400	6400
65000	6500	6500	6500	6500
66000	6600	6600	6600	6600
67000	6700	6700	6700	6700
68000	6800	6800	6800	6800
69000	6900	6900	6900	6900
70000	7000	7000	7000	7000
71000	7100			

FINISH



TE Connectivity

NAME _____

RF ONE STEP CONNECTOR

50 OHM TNC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A4 06090 ©-RTD-50-Y-XX/-XX-H -

SCALE DNS

SHEET 1 OF 1

REV	C
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