

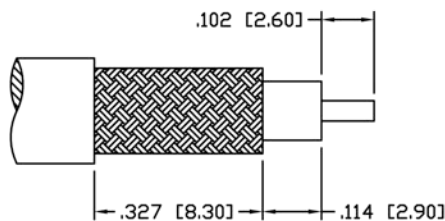
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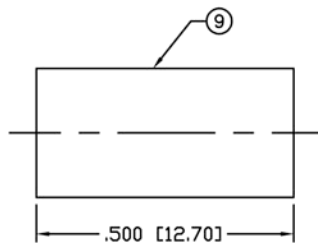
PART NO.

RSA-3010-C1

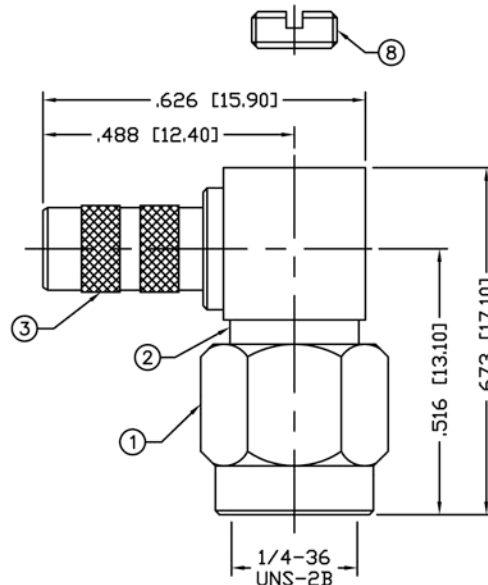
REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	4/15/99	R. RICE
B	CHANGE DIMENSIONS, FORMAT, DRAWING NUMBER & SPECS	CZS	12/27/02	JDMc



RECOMMENDED STRIPPING DIMENSIONS



RECOMMENDED CRIMP DIE: .213"



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-12.4 GHz
 INSERTION LOSS(dB): $0.04 \times \sqrt{f(\text{GHz})}$
 VSWR: $1.15 + .03 \times \sqrt{f(\text{GHz})}$
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level
 INSULATION RESISTANCE: 5k M Ohms min.
 TEMPERATURE RANGE: -65°C TO 165°C
 FOR RG-55, 55A, 55B, 142, 142A, 142B, 223 & 400/U,
 ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142

1 SHELL	1	BRASS	NICKEL, 100μ"	008974	DRAWN C. ZUNIGA CHECKED	12/27/02
2 BODY	1	BRASS	NICKEL, 100μ"			
3 FERRULE STUD	1	BRASS	NICKEL, 100μ"			
4 INSULATOR	1	PTFE	----			
5 PIN	1	BRASS	GOLD, 50μ"			
6 RETAINING RING	1	Be. Cu.	----			
7 GASKET	1	SILICONE	----			
8 END CAP	1	BRASS	NICKEL, 100μ"			
9 FERRULE	1	BRASS	NICKEL, 100μ"			
10				ORJ DRAWN C. ZUNIGA	4/15/99	
11						
12						
13						
14						
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL BURRS
2. BREAK ALL CORNERS & EDGES .005 R. MAX.
3. CHAMFER 1ST & LAST THREADS 45°
4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES
 AND [MILLIMETERS]

UNLESS OTHERWISE NOTED
 TOLERANCES ARE:

DECIMALS	DIAMETER
.xxx±.003 [.08]	.xxx±.001 [.03]
.xx±.005 [.13]	.xx±.003 [.08]

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD
 SAN DIEGO, CA 92126
 (858) 549-6340
 (858) 549-6345 FAX

SMA PLUG CRIMP

RIGHT ANGLE

SIZE A	CABLE GROUP C1	DWG NO. RSA-3010-C1	REV B
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1