

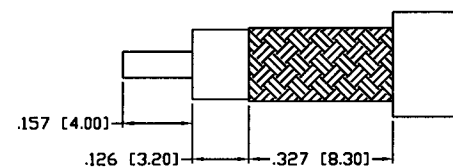
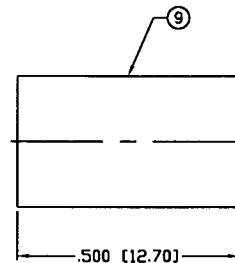
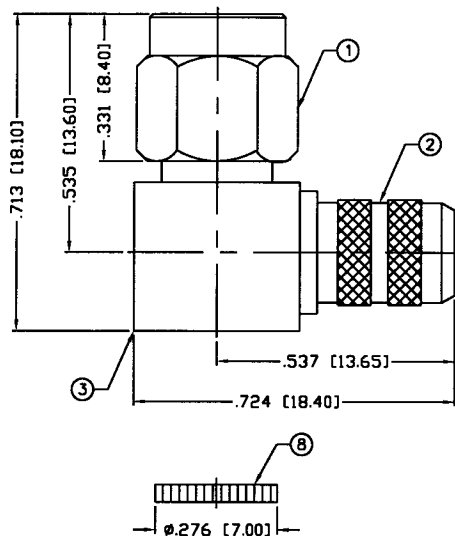
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

RSA-3010-X

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	4/7/98	JDMc
B	CHANGE FORMAT, SPECS & DWG # 8903	CZS	7/3/02	JDMc



RECOMMENDED
STRIPPING DIMENSIONS

RECOMMENDED CRIMP DIE: .255"

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0-12.4 GHz
INSERTION LOSS(dB): $0.04 \times \sqrt{f(\text{GHz})}$
WORKING VOLTAGE: 500 V rms Max. @ Sea Level
INSULATION RESISTANCE: 5k M Ohms min.
TEMPERATURE RANGE: -65°C TO 85°C
FOR RG-8/X, BELDEN 9258, MAXRAD M8X-100 &
M8X-1000, MICRO 8/U, REMEE 1600, SAXTON 8315 &
TIMES LMR-240 & LMR-240 ULTRAFLEX CABLE

NOTE: ATTACH CABLE TO CONNECTOR BY
SOLDERING THE CABLE INNER CONDUCTOR
TO THE PIN SLOT INSIDE THE CONNECTOR

1	SHELL	1	BRASS	NICKEL, 100 μ "
2	FERRULE STUD	1	BRASS	NICKEL, 100 μ "
3	PRESS BODY	1	BRASS	NICKEL, 100 μ "
4	INSULATOR	1	PTFE	---
5	PIN	1	BRASS	GOLD, 50 μ "
6	RETAINING RING	1	Be-Cu	---
7	GASKET	1	SILICONE	---
8	COVER	1	BRASS	NICKEL, 100 μ "
9	FERRULE	1	BRASS	NICKEL, 100 μ "

008974

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.

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SMA PLUG, CRIMP

RIGHT ANGLE

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

#	DESCRIPTION	QTY	MATRL	FINISH
10				
11				
12				
13				
14				

DRAWN	7/3/02
G. GALLEGO	
CHECKED	7-7-02
ORJ DRAWN	4/7/98
C. ZUNIGA	
APPROVALS	DATE