

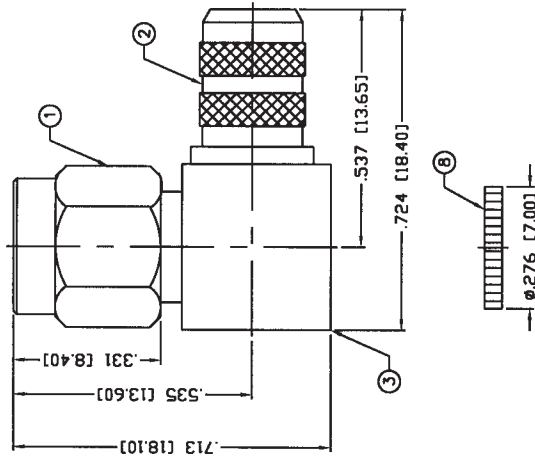
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ALL DIMENSIONS ARE REFERENCE ONLY

# RSA-3010-X

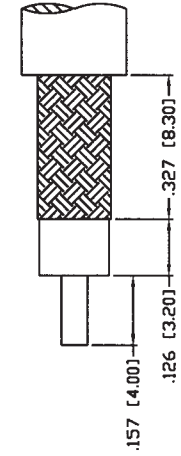
PART NO.

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 CRIMP DIE: .255"

RECOMMENDED STRIPPING DIMENSIONS



## 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.  $\odot$  Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 85°C  
 FOR RG-8/X, BELDEN 9258, MAXRAD MBX-100 &  
 MBX-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 $\mu$ "	
2	FERRULE STUD	1 BRASS	NICKEL, 100 $\mu$ "	
3	PRESS BODY	1 BRASS	NICKEL, 100 $\mu$ "	
4	INSULATOR	1 PTFE	---	
5	PIN	1 BRASS	GOLD, 50 $\mu$ "	
6	RETAINING RING	1 Be-Cu	---	
7	GASKET	1 SILICONE	---	
8	COVER	1 BRASS	NICKEL, 100 $\mu$ "	
9	FERRULE	1 BRASS	NICKEL, 100 $\mu$ "	
10				
11				
12				
13				
14				
#	DESCRIPTION	QTY	MATRL	FINISH

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 .XXX±.003 [.08] .XX±.005 [.13]  
 DIAMETER .XXX±.001 [.03] .XX±.003 [.08]

RF connectors  
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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

DRAWN	G. GALLEGOS	7/3/02
CHECKED	<i>[Signature]</i>	7-7-98
ORJ DRAWN	C. ZUNIGA	4/7/98
APPROVALS		DATE