

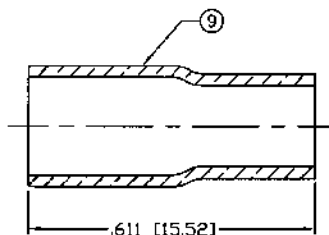
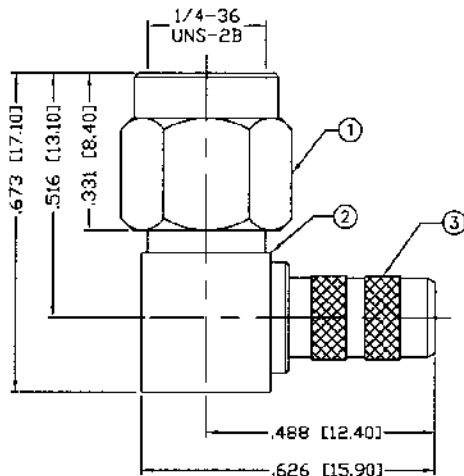
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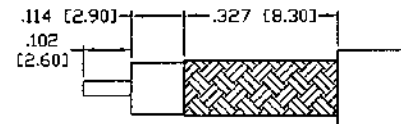
PART NO.

RSA-3010-7

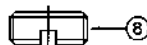
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	4/29/04	JDMc



RECOMMENDED CRIMP DIE: .213"



RECOMMENDED STRIPPING DIM'S



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 85°C
 FOR MOTOROLA WHITE TEFLON, BELDEN 82907, 88240 & 89907,
 RG-122/U & TIMES MSI-15 CABLE

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

1 SHELL	1 BRASS	NICKEL, 100μ"
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 SCREW CAP	1 BRASS	NICKEL, 100μ"
9 FERRULE	1 BRASS	NICKEL, 100μ"

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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±.005 [.08]

DRAWN	C. ZUNIGA	4/29/04
CHECKED	<i>[Signature]</i>	4/29/04
ORJ DRAWN	C. ZUNIGA	4/29/04
APPROVALS		DATE

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

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SMA PLUG

CRIMP, RIGHT ANGLE

SIZE	CABLE GROUP	DWG NO.	REV
A	M	RSA-3010-7	-
SCALE:	NTS	CAD FILE	OUTLINE
SHEET 1 OF 1			