

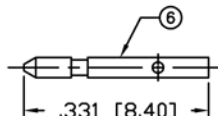
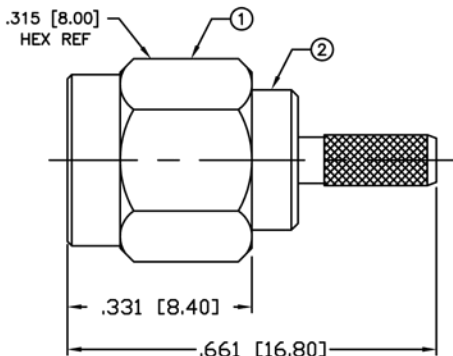
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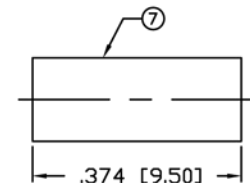
PART NO.

RSA-3000-B

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KM	3/21/95	R. RICE
B	CHANGE STRIPING STRUCTIONS	KM	8/19/96	R. RICE
C	CHANGE PIN DESIGN, OVERALL DIM, DWG FORMAT & SPECS	CZS	8/23/01	JDMc



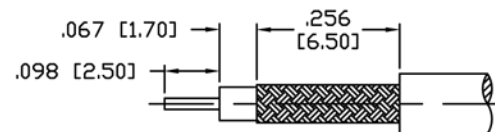
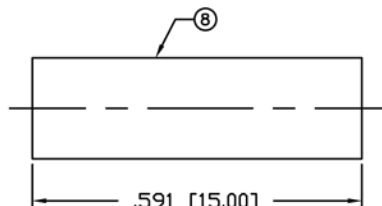
PIN TO BE SOLDERED BUT MAY BE
 CRIMPED W/ RFA-4089



RECOMMENDED CRIMP DIE: .130

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-12.4 GHz
 INSERTION LOSS(dB): $0.03 \times \sqrt{f(\text{GHz})}$
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level
 INSULATION RESISTANCE: 5k M Ohms min.
 TEMPERATURE RANGE: -65°C TO 165°C
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,
 BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE



RECOMMENDED STRIPPING DIM'S

1	SHELL	1	BRASS	NICKEL, 100μ"	008974	
2	BODY	1	BRASS	NICKEL, 100μ"		
3	INSULATOR	1	TEFLON	----		
4	RETAINING RING	1	BeCu	----		
5	GASKET	1	SILICONE	----		
6	PIN	1	BRASS	GOLD, 50μ"		
7	FERRULE	1	BRASS	NICKEL, 100μ"		
8	TUBING	1	HEAT SHRINK	----		
9						
10						
11						
12						
13						
14						
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL BURRS
- BREAK ALL CORNERS & EDGES .005 R. MAX.
- CHAMFER 1ST & LAST THREADS 45°
- SURFACE ROUGHNESS 63 FINISH MIL-STD-10
- DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
- 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]



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DIVISION OF RF INDUSTRIES, LTD.

SMA MALE, CRIMP

SIZE A	CABLE GROUP B	DWG NO. RSA-3000-B	REV C
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1