

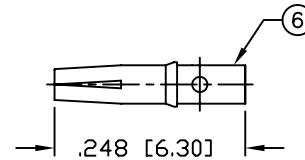
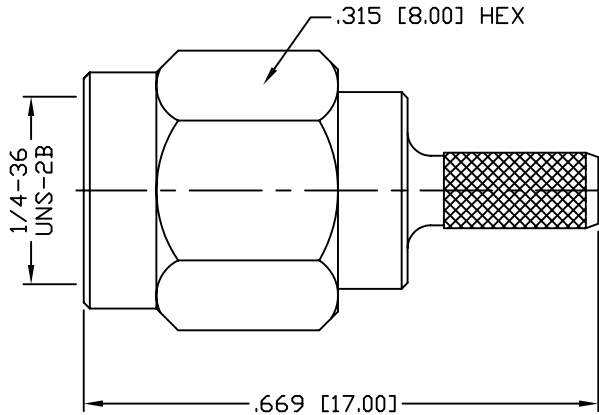
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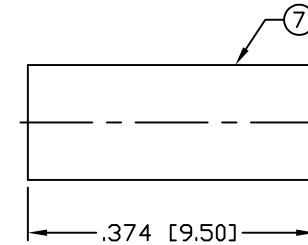
PART NO.

**RP-3000-1B**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	GGG	6/5/03	JDMc
A	CHANGE LENGTHS THROUGHOUT DWG / REMOVE CONTACT DIE	CZS	4/20/06	JDMc



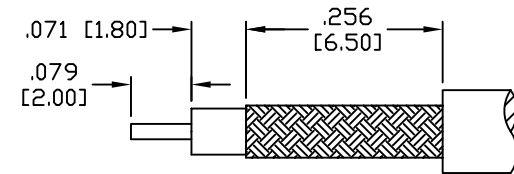
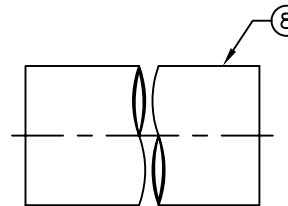
RECOMMENDED SOLDER ONLY



RECOMMENDED CRIMP DIE: .130"

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.06 \times \sqrt{f(\text{GHz})}$   
 VSWR: 1.3 MAX.  
 WORKING VOLTAGE: 375 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 85°C  
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,  
 BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE



RECOMMENDED STRIPPING DIMENSIONS

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

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]  
 UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS	DIAMETER
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**RF connectors**  
 DIVISION OF RF INDUSTRIES, LTD.

**SMA PLUG, CRIMP**  
 REVERSE POLARITY

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