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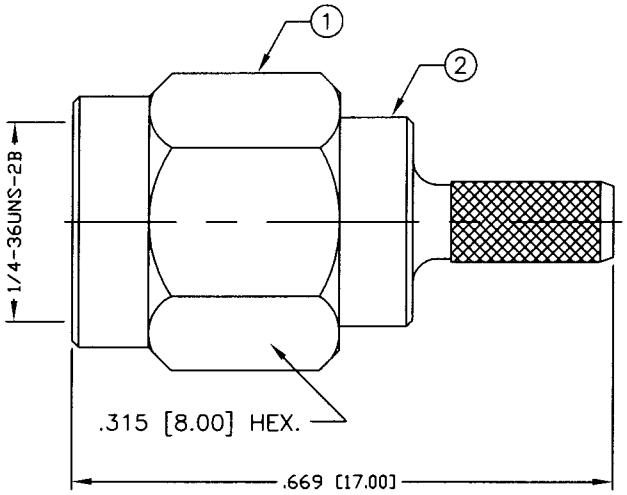
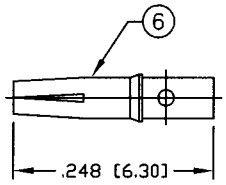
ALL DIMENSIONS ARE REFERENCE ONLY

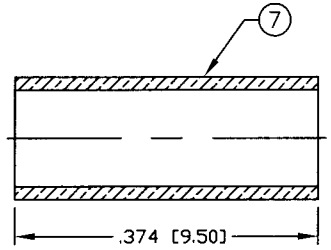
PART NO. **RP-3000-B**

REV	DESCRIPTION	DWN	DATE	APPROVED
–	ENGINEERING RELEASE	JDM	6/12/00	JDMc
A	ADDED ELECTRICAL SPECS	JDM	3/22/02	JDMc
B	CHG ITEM #7, #8 & STRIPPING DIMENSIONS / UPDATE SPECS	CZS	4/25/03	JDMc





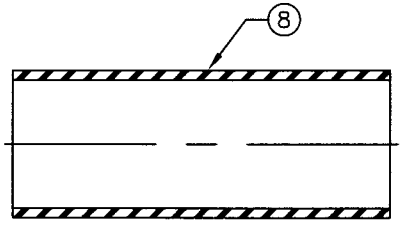
PIN TO BE SOLDERED

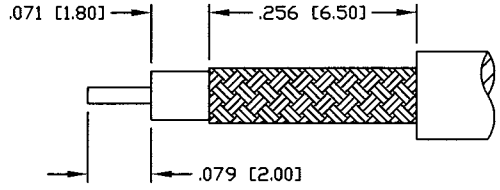


RECOMMENDED CRIMP DIE: .130"

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0–12.4 GHz
INSERTION LOSS(dB): 0.03 x $\sqrt{f(GHz)}$
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

#	DESCRIPTION	QTY	MATERIAL	FINISH
1	SHELL	1	BRASS	NICKEL, 100µ"
2	BODY	1	BRASS	NICKEL, 100µ"
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	NICKEL, 100µ"
8	TUBING	1	HEAT SHINK	---
9				
10				
11				
12				
13				
14				

008974

APPROVALS	DATE
DRAWN C. ZUNIGA	7/19/04
CHECKED DMc	7-27-04
ORJ DRAWN C. ZUNIGA	7/27/00

UNLESS OTHERWISE SPECIFIED:

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

RF connectors
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(858) 549–6345 FAX

SMA PLUG, CRIMP

REVERSE POLARITY

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RP–3000–B	B

SCALE: NTS | CAD FILE OUTLINE | SHEET 1 OF 1