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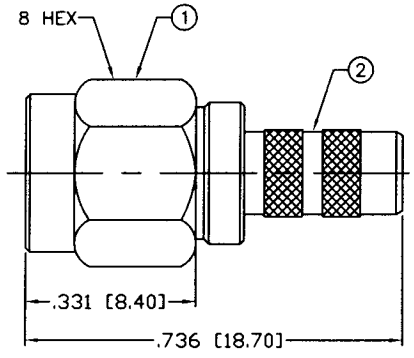
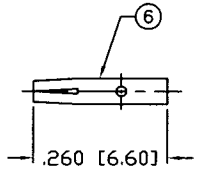
ALL DIMENSIONS ARE REFERENCE ONLY

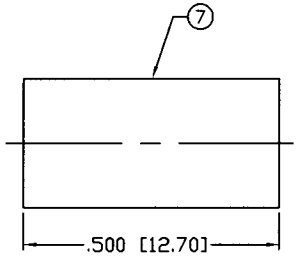
PART NO. **RP-3000-C1**

REV	DESCRIPTION	DWN	DATE	APPROVED
–	ENGINEERING RELEASE	GGG	8/28/03	JDMc

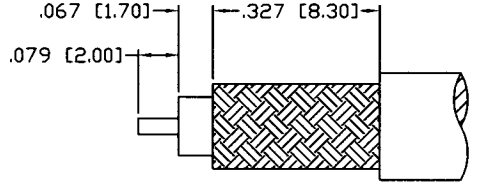




SOLDER ONLY



RECOMMENDED
CRIMP DIE: .213"



RECOMMENDED
STRIPPING DIEMNSIONS

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: 500 V rms Max. @ Sea Level
INSULATION RESISTANCE: 5k M Ohms min.
TEMPERATURE RANGE: –65°C TO 85°C
FOR RG–55, 55A, 55B, 142, 142A, 142B, 223/U & 400/U,
ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, & 9907

#	DESCRIPTION	QTY	MATRL	FINISH
1	SHELL	1	BRASS	Ni, 100 μ"
2	BODY	1	BRASS	Ni, 100 μ"
3	INSULATOR	1	PTFE	---
4	RETAINING RING	1	Be–Cu	---
5	GASKET	1	SILICONE	---
6	CONTACT	1	Be–Cu	GOLD, 50μ"
7	FERRULE	1	BRASS	Ni, 100 μ"
8				
9				
10				
11				
12				
13				
14				

008974

DRAWN	JDMC	8/28/03
CHECKED	JDMc	8-28-03
ORJ DRAWN	G. GALLEGOS	4/1/02
APPROVALS		DATE

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±.003 [.08]

RF connectors
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(858) 549–6345 FAX

SMA PLUG, CRIMP

REVERSE POLARITY

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	RP–3000–C1	–

SCALE: NTS	CAD FILE OUTLINE	SHEET 1 OF 1