

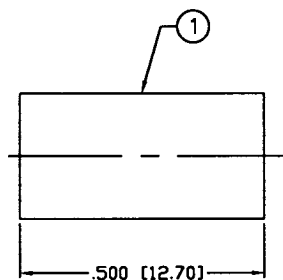
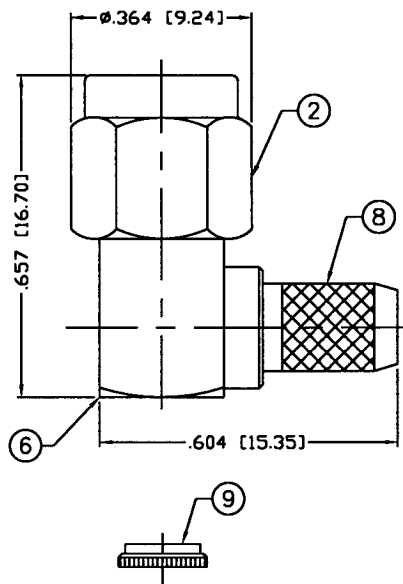
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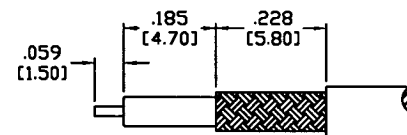
PART NO.

RP-3010-1C1

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	GGG	4/13/00	JDMc



RECOMMENDED CRIMP DIE: .213"



RECOMMENDED STRIPPING DIMENSIONS
ATTACH CABLE TO CONNECTOR BY
SOLDERING THE CABLE INNER CONDUCTOR
TO THE PIN SLOT INSIDE THE CONNECTOR

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0-12.4 GHz
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

1	FERRULE	1	BRASS	GOLD, 3μ"	007777
2	SHELL	1	BRASS	GOLD, 3μ"	
3	INSULATOR	1	PTFE	---	
4	GASKET	1	SILICONE	---	
5	WASHER	1	SST	---	
6	BODY	1	BRASS	GOLD, 3μ"	
7	PIN	1	Be-Cu	GOLD, 50μ"	
8	FERRULE STUD	1	BRASS	GOLD, 3μ"	
9	PRESS FIT CAP	1	BRASS	GOLD, 3μ"	
10					
11					
12					
13					
14					
#	DESCRIPTION	QTY	MATRL	FINISH	APPROVALS

DRAWN	G. GALLEGOS	4/5/02
CHECKED	JDM	4-5-02
ORJ DRAWN	G. GALLEGOS	4/5/02

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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SMA PLUG, CRIMP

REVERSE POLARITY, RIGHT ANGLE

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	RP-3010-1C1	-
SCALE:	NTS	CAD FILE	OUTLINE
SHEET	1	OF	1