

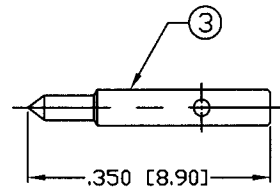
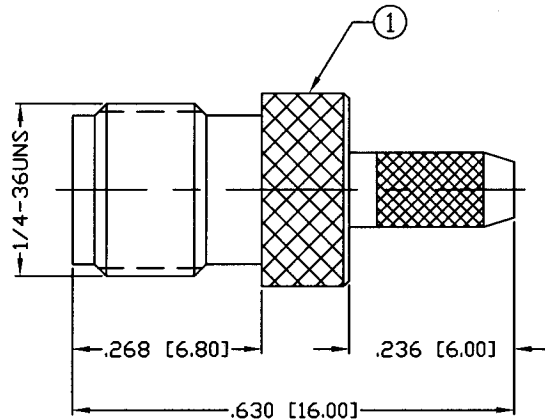
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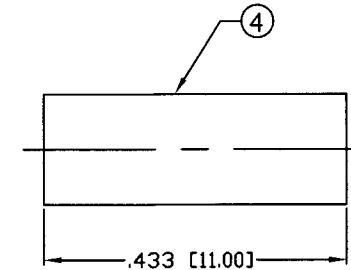
PART NO.

RP-3050-1B

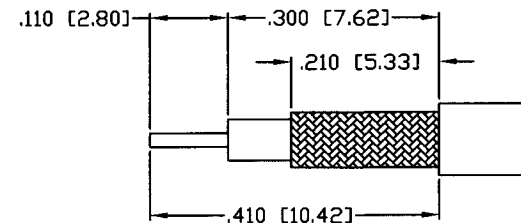
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	11/6/00	JDMc
A	UPDATE DRAWING	GGG	4/24/02	CZS



PIN TO BE SOLDERED



RECOMMENDED CRIMP DIE: .130"



RECOMMENDED STRIPPING DIMENSION'S

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0-12.4 GHz
INSERTION LOSS(dB): $0.03 \times \sqrt{f(\text{GHz})}$
VSWR: 1.3 MAX.
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

1	BODY	1	BRASS	GOLD, 5μ"	007777
2	INSULATOR	1	PTFE	---	
3	CONTACT	1	BRASS	GOLD, 50μ"	
4	FERRULE	1	BRASS	GOLD, 5μ"	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
#	DESCRIPTION	QTY	MATRL	FINISH	APPROVALS

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 JACK, CRIMP

REVERSE POLARITY

SIZE A	CABLE GROUP B	DWG NO. RP-3050-1B	REV A
SCALE: NTS	CAD FILE OUTLINE	SHEET 1 OF 1	