

1. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE .010" (.254mm)

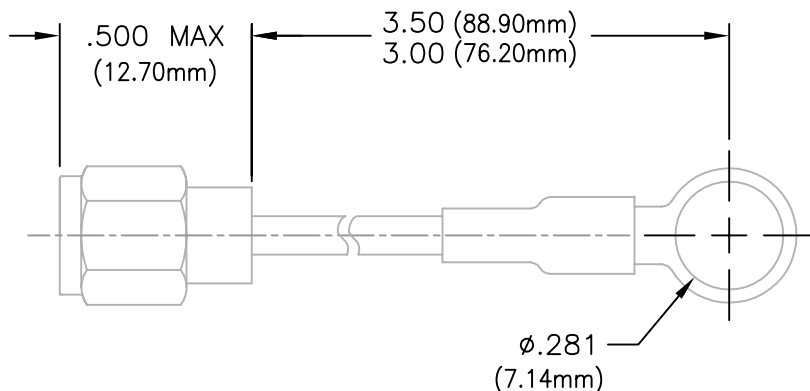
CAD#120019A2

DRAWING NO.

12-0019

REV.

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MATERIALS:

BODY AND COUPLING NUT: STAINLESS STEEL PER ASTM A582  
 CONTACT AND LOCK RING: BERYLLIUM COPPER PER ASTM B196  
 INSULATOR: TEFLON PER MIL-P-19468  
 GASKET: SILICONE RUBBER PER ZZ-R-765  
 SUBSTRATE: BERYLLIUM OXIDE  
 RESISTIVE FILM: NICHROME  
 WIRE ROPE: SST IAW MIL-W-83420, TYPE II, COMP. B  
 SHRINK TUBING: VERY FLEXIBLE POLYOLEFIN (BLACK)  
 IN ACCORDANCE WITH MIL-I-23053/5 OR EQUIVALENT

FINISH:

BODY AND COUPLING NUT: 90/10 TIN-LEAD PER MIL-P-81728  
 CONTACT: GOLD PER MIL-G-45204 WITH NICKEL UNDERPLATE PER QQ-N-290

				<p>UNLESS OTHERWISE SPECIFIED</p> <p>1. DIMENSIONS ARE AFTER PLATING</p> <p>2. DIAMETERS ON COMMON <math>\phi</math> TO BE CONCENTRIC WITHIN _____ T.I.R.</p> <p>3. SURFACE ROUGHNESS _____ ✓</p> <p>4. CORNERS AND EDGES _____ R. MAX.</p> <p>5. REMOVE BURRS AND BREAK SHARP EDGES</p>			<p>REFERENCE _____</p>			 <p>P.O. BOX 899 STUART, FL. 34995</p>	
				<p>TOLERANCES</p> <p>DECIMAL FRACTION ANGLES</p> <p>.X ± _____ ± _____</p> <p>.XX ± _____ ± _____</p> <p>.XXX ± _____ ± _____</p> <p>ALL DIMENSIONS ARE IN INCHES</p>			<p>MATERIAL _____</p>		<p>TITLE</p> <p>TERMINATION, SMA PLUG 2 WATT W/WIRE ROPE</p>		
				<p>FINISH _____</p>		<p>DRAWING NO.</p> <p>12-0019</p>		<p>REV.</p> <p>A</p>			
A	DCN#0786	07/98		SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.		REV.		
N/C	RLSE#02240	09/97	MTG	2X	2Y194	A	12-0019		A		
REV.	DESCRIPTION	DATE	APPR.	APPR.	CHK	DRAWN		SHEET	OF		
				MJK 09/22/97	NAK 09/23/97	PSC 9/19/97		1	2		

CAD#120019A3

DRAWING NO.

12-0019

REV.

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REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50 Ω	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
CHARACTERISTIC IMPEDANCE (OHMS)	50Ω ± 2Ω		
FREQUENCY RANGE (GHz)	DC - 1	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G's)
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM		
OPERATING TEMPERATURE (°C)	-55 TO +125	THERMAL SHOCK	MIL-STD-202 METHOD 107G COND. B (-65 TO +125° C)
VSWR (MAXIMUM)	1.30:1		
AVERAGE POWER (WATTS)	2.0	BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C
PEAK POWER (KW)	.5		
DC RESISTANCE	50Ω ± 2%	SALT SPRAY	MIL-STD-202 METHOD 101 COND. B (96 HRS)
<p style="text-align: center;"><u>AVERAGE POWER DERATING</u></p>		INTERFACE DIMENSIONS	MIL-C-39012C SMA SERIES
		TORQUE REQUIREMENT	MIL-D-30930/ SMA SERIES 7-10 IN/LBS (PER PAIR)

TITLE TERMINATION, SMA PLUG  
2 WATT W/WIRE ROPE



P.O. BOX 899  
STUART, FL. 34995

DRAWN PSC 9/18/97  
SHEET 2 OF 2

DRAWING NO.  
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