

DRAWING NO. 12-3002SF REV. D

REQUIREMENTS		RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)		50 Ohms	INTERFACE DIMENSIONS	MIL-STD-39012/ SMA SERIES
FREQUENCY RANGE (GHZ)		DC - 18.0	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G'S)
TEMPERATURE COEFFICIENT		LESS THAN 200 PPM	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G'S)
OPERATING TEMPERATURE (°C)		-55 TO +125	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125 °C)
VSWR (MAXIMUM)		DC - 4.0 = 1.10:1 4.0 - 8.0 = 1.15:1 8.0 - 12.4 = 1.20:1 12.4 - 18.0 = 1.30:1	BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C
AVERAGE POWER (WATTS)		15	TORQUE REQUIREMENT	MIL-D-39030/ SMA SERIES 7-10 IN/LBS
DC RESISTANCE		50 Ohms ±2%		
AVERAGE POWER DERATING				
<p>The graph plots '% OF RATED PWR.' on the y-axis (0 to 100) against 'CASE TEMPERATURE IN °C' on the x-axis (0 to 125). A horizontal line is drawn at 100% power from 0°C to 100°C. From 100°C, a line slopes downward to 0% power at 125°C. A dashed vertical line is drawn at 100°C, and a dashed horizontal line is drawn from the 100% mark on the y-axis to the 100°C mark on the x-axis.</p>				
TITLE		DRAWN		DRAWING NO.
TERMINATION, SMA		GEC		12-3002SF
JACK, 15 WATT		SHEET 2 OF 2		REV. D
		P.O. BOX 899		
		STUART, FL. 34995		