

1. UNLESS OTHERWISE SPECIFIED TOLERANCES ARE  $\pm 0.010$  (.254mm)

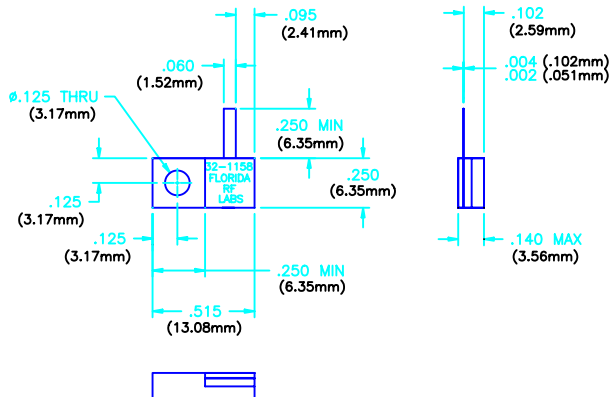
CAD#321158\_2

DRAWING NO.

32-1158

REV.

N/C



**MATERIALS:**

MTG. FLANGE: COPPER PER ASTM B301  
 SUBSTRATE: BERYLLIUM OXIDE  
 COVER: ALUMINA OXIDE  
 TAB: BERYLLIUM COPPER PER QQ-C-533  
 RESISTIVE FILM: NICHROME

**FINISH:**

MTG. FLANGE: NICKEL PER QQ-N-290  
 TAB: TIN PER MIL-T-10727

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE AFTER PLATING
2. DIAMETERS ON COMMON Q TO BE CONCENTRIC WITHIN      T.I.R.
3. SURFACE ROUGHNESS  R. MAX.
4. CORNERS AND EDGES  R. MAX.
5. REMOVE BURRS AND BREAK SHARP EDGES

TOLERANCES

DECIMAL	FRACTION	ANGLES
.X $\pm$		
.XX $\pm$	$\pm$	$\pm$
.XXX $\pm$		

ALL DIMENSIONS ARE IN INCHES

REFERENCE

CATALOG

MATERIAL

FINISH

SCALE

APPR.

CAGE CODE ID NO.

CHK

SIZE



P.O. BOX 899  
 STUART, FL. 34995

TITLE

TERMINATION,  
 FLANGE MOUNT  
 100 WATT

DRAWING NO.

DRAWN GEC  
 01/29/98

REV.

SHEET 1 OF 2

32-1158

N/C

REV.	DESCRIPTION	DATE	APPR.
N/C	RLSE#02319	01/98	

REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (Ohms)	50	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G'S)
FREQUENCY RANGE (GHz)	DC - 6.0		
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G'S)
OPERATING TEMPERATURE (°C)	-55 TO +150		
VSWR (MAXIMUM)	1.30:1	TEMPERATURE CYCLING	MIL-STD-202 METHOD 102 COND. C (-65 TO +125 °C)
AVERAGE POWER (WATTS)	100	TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A
DC RESISTANCE	50 Ohms ±2%	MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B
<p><u>AVERAGE POWER DERATING</u></p>		SOLDERABILITY	MIL-STD-202 METHOD 208
		RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210 COND. A