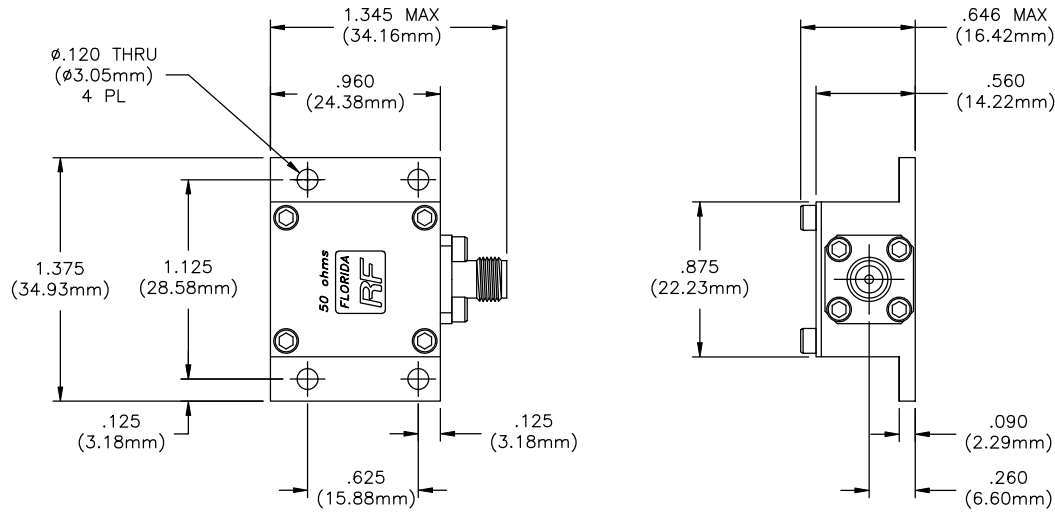


NOTES:

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±.005" (1.27mm).



MATERIALS:

- BASE HOUSING: ALUMINUM
- SUBSTRATE: BERYLLIUM OXIDE
- RESISTIVE FILM: NICHROME
- SCREWS: STAINLESS STEEL
- CONNECTOR:

 - BODY: STAINLESS STEEL PER QQ-S-764 CLASS 303 OR ASTM-A-582-80
 - CONTACT: BERYLLIUM COPPER PER QQ-C-530 COND. H, ALLOY 173
 - INSULATOR: TEFLON PER L-P-403 OR ASTM-D-1710

FINISH:

- BASE HOUSING: NICKEL PER MIL-C-26074E
- CONNECTOR:

 - BODY: CORROSION RESISTANT IAW MIL-STD-202
 - CONTACT: GOLD PER MIL-G-45204B

REV	DATE	BY	EN NUMBER
F	10/23/214	NOA	14-2165
E	01/04/99	BLP	DCN# 0905
D	02/12/98	GEC	DCN# 0691
REVISION			

		UNLESS OTHERWISE SPECIFIED 1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. DIMENSIONS ARE AFTER PLATING 4. CORNERS, EDGES AND FILLETS: R 0.005 MAX 5. SURFACE ROUGHNESS: N/A 6. REMOVE ALL BURRS		TITLE TERMINATION, SMA JACK, 50 WATTS	
8851 SW OLD KANSAS AVE STUART, FL 34997 PHONE NO. (772) 286-9300 FAX NO. (772) 283-5386		TOLERANCES X.XX ± 0.01 X.XXX ± 0.010 FRACTIONS ± 1/16 X.XXXX ± 0.0005 ANGLES ± 5°		DRAWING NUMBER 12-3005SF	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTIES OF EMC TECHNOLOGY AND FLORIDA RF LABS AND SHALL NOT BE DUPLICATED OR USED AS BASIS FOR THE MANUFACTURE OR SALES OF PARTS OR DEVICES WITHOUT PERMISSION.		REFERENCE / MACOLA NO. 12-3005SF		EMC CAGE CODE RF CAGE CODE PLOT SCALE SHEET 24602 2Y194 N/A 2 OF 3	

REQUIREMENTS	RATING	REQUIREMENTS	RATING
NOMINAL IMPEDANCE (OHMS)	50	INTERFACE DIMENSIONS	MIL-STD-39012 /SMA Series
FREQUENCY RANGE (GHz)	DC - 6.0		
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)
OPERATING TEMPERATURE (°C)	-55 TO +125		
VSWR (MAXIMUM)	DC - 3.0 GHz: 1.25:1 3.0 - 6.0 GHz: 1.35:1	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G's)
AVERAGE POWER (WATTS)	50		
DC RESISTANCE	50 OHMS ± 5%	THERMAL SHOCK	MIL-STD-202 METHOD 107 COND. B (-65 TO +125)°C
		BAROMETRIC PRESSURE	MIL-STD-202 METHOD 105 COND. C
<p style="text-align: center;">AVERAGE POWER DERATING</p>			

F	10/23/214	NOA	14-2165
E	01/04/99	BLP	DCN# 0905
D	02/12/98	GEC	DCN# 0691
REV	DATE	BY	EN NUMBER
REVISION			

 8851 SW OLD KANSAS AVE STUART, FL 34997 PHONE NO. (772) 286-9300 FAX NO. (772) 283-5286	UNLESS OTHERWISE SPECIFIED 1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. DIMENSIONS ARE AFTER PLATING 4. CORNERS, EDGES AND FILLETS: R 0.005 MAX 5. SURFACE ROUGHNESS: N/A 6. REMOVE ALL BURRS	TITLE TERMINATION, SMA JACK, 50 WATTS									
	TOLERANCES X.XX ± 0.01 X.XXX ± 0.010 FRACTIONS ± 1/16 X.XXXX ± 0.0005 ANGLES ± 5°	DRAWING NUMBER 12-3005SF									
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTIES OF EMC TECHNOLOGY AND FLORIDA RF LABS AND SHALL NOT BE DUPLICATED OR USED AS BASIS FOR THE MANUFACTURE OR SALES OF PARTS OR DEVICES WITHOUT PERMISSION. REFERENCE / MACOLA NO. 12-3005SF	MATERIAL -	FINISH -	<table border="1"> <tr> <td>EMC CAGE CODE</td> <td>RF CAGE CODE</td> <td>PLOT SCALE</td> <td>SHEET</td> </tr> <tr> <td>24602</td> <td>2Y194</td> <td>N/A</td> <td>3 OF 3</td> </tr> </table>	EMC CAGE CODE	RF CAGE CODE	PLOT SCALE	SHEET	24602	2Y194	N/A	3 OF 3
EMC CAGE CODE	RF CAGE CODE	PLOT SCALE	SHEET								
24602	2Y194	N/A	3 OF 3								