



MATERIALS:
SUBSTRATE: BERYLLIUM OXIDE
COVER: ALUMINA
TAB: BERYLLIUM COPPER PER ASTM B194
RESISTIVE FILM: NICHROME

FINISH:
TAB: TIN LEAD PLATED

ELECTRICAL:
NOMINAL IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC - 2.0 GHz
TEMPERATURE COEFFICIENT: ± 200 PPM/ $^{\circ}$ C MAX
OPERATING TEMPERATURE: -55° C TO 150° C
VSWR (MAX): 1.18:1 DC - 1.0 GHz
1.45:1 1.0 - 2.0 GHz
INPUT POWER: 100 WATTS
ATTENUATION STABILITY: .0001 dB/dB/ $^{\circ}$ C
ATTENUATION ACCURACY: 30 ± 1 dB

C	7/3/13	TS	13-2098
REV	DATE	BY	EN NUMBER
REVISION			

<div><div><div><div>FLORIDA</div><div>RF</div><div>EMC</div></div><div>Labs Technology</div><div>INC. INC.</div><div>8851 SW OLD KANSAS AVE</div><div>STUART, FL 34997</div><div>PHONE NO. (772) 286-9300</div><div>FAX NO. (772) 283-5286</div></div></div>		<u>UNLESS OTHERWISE SPECIFIED</u> <div><div>1. DO NOT SCALE DRAWING</div><div>2. DIMENSIONS ARE IN INCHES</div><div>3. DIMENSIONS ARE AFTER PLATING</div><div>4. CORNERS, EDGES AND FILLETS: R 0.005 MAX</div><div>5. SURFACE ROUGHNESS: 63</div><div>6. REMOVE ALL BURRS</div></div>		<div>TITLE</div> <div>ATTENUATOR, CHIP, 100 WATT, 30.00 dB</div>	
<div>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.</div> <div>REFERENCE / MACOLA NO. / PART NO.</div>		<u>TOLERANCES</u> <div><div>X.XX ± 0.01</div><div>X.XXX ± 0.010 FRACTIONS ± 1/16</div><div>X.XXXX ± 0.0005 ANGLES ± 5°</div></div>		<div>DRAWING NUMBER</div> <div>83-2004-30.00</div>	
<div>MATERIAL</div> <div>-</div>		<div>FINISH</div> <div>-</div>		<div>EMC CAGE CODE</div> <div>24602</div>	<div>RF CAGE CODE</div> <div>2Y194</div>
				<div>PLOT SCALE</div> <div>-</div>	<div>SHEET</div> <div>1 OF 1</div>