

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 6 GHz

ATTENUATION (FREQ. IN GHz) _____ DC - 6

0-6 dB _____ ±0.3 dB
 7-13, 15 & 20 dB _____ ±0.5 dB
 30 & 40 dB _____ ±0.75 dB

VSWR(MAX) DC - 6 GHz _____ 1.25:1

POWER _____ 10 WATTS (AVG)*
Derates Linearly from +25°C to 10% at +125°C

POWER, PEAK _____ 500 WATTS**
**5µs Second PULSE WIDTH, 0.2% DUTY CYCLE

IMPEDANCE: _____ 50 OHMS

OPERATING TEMP RANGE _____ -65 TO +125°

ENVIRONMENTAL CAPABILITIES PER MIL-DTL-3933A/16 TYPE DEVICES

Materials

Outer Conductor: Passivated Stainless Steel IAW ASTM A484 & A582, Class 303

Heat Sink: Black Anodized Aluminum

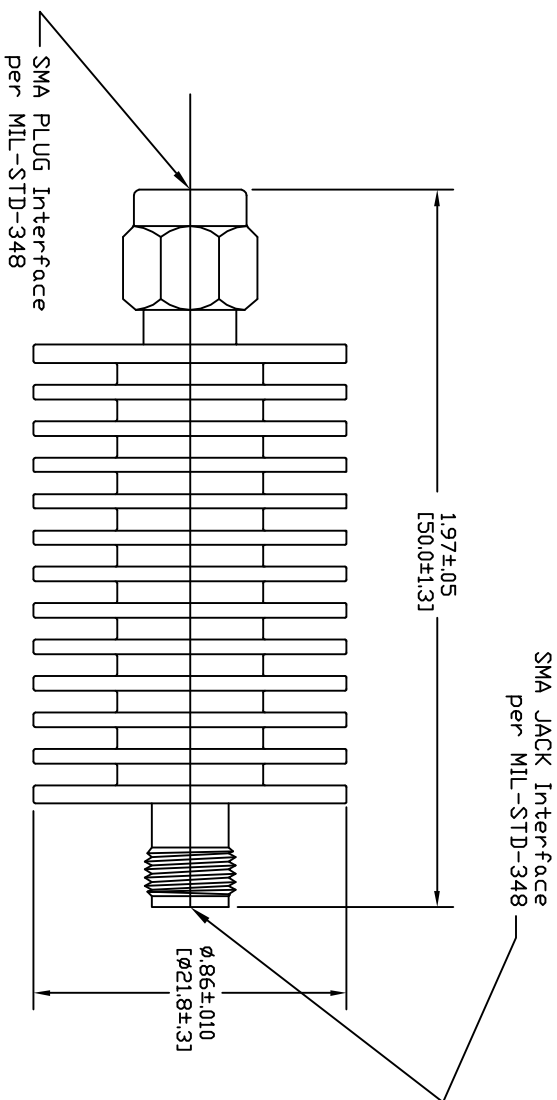
Center Conductor: Gold Plated (ASTM-B488/MIL-PRF-39012) Beryllium Copper per ASTM B196 & B197

Dielectric: Teflon (PTFE) per ASTM D1710.

Attenuator Card: Proprietary Thin Film, Passivation Protected, on Aluminum Nitride Ceramic Hybrid

Weight: 0.86 oz./24.4 grams Max.

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
A	.86" WAS .88"	14-150	4/9/14	T. KUHN
B	ADDED 13dB	18-108	7/20/18	T. KUHN



NUMBER OF HEATSINK FINS
MAY VARY WITH LOTS

<p>DRAWING PRACTICES PER ANSI Y14.5 MIL-STD-883 & 1000</p> <p>DIMENSIONS ARE IN INCHES AND DECIMALS UNLESS OTHERWISE SPECIFIED</p> <p>APPLY BEFORE/AFTER PROCESSING</p> <p>SURFACE FINISH: 63</p> <p>ROUNDED CORNERS: .03"</p> <p>FINISH: .010</p> <p>SEE NOTES</p> <p>MATERIAL: SEE NOTES</p> <p>NOTE: THIS DRAWING INTERPRET IAW ASSI Y14.5-1992</p>	<p>UNLESS OTHERWISE SPECIFIED TOLERANCES IN:</p> <table border="1"> <tr> <th>DECIMALS</th> <th>INCH</th> <th>MILS</th> </tr> <tr> <td>.X"</td> <td>.05"</td> <td>[1.27]</td> </tr> <tr> <td>.XX"</td> <td>.03"</td> <td>[.76]</td> </tr> <tr> <td>.XXX"</td> <td>.010</td> <td>[.25]</td> </tr> </table> <p>ANGLES: ±0°30'</p> <p>REMOVE ALL BURRS/SHARP W/BREAK / R OF .003 TO .005"</p> <p>UNLESS OTHERWISE NOTED DIAS CONCENTRIC < .003 T.I.R.</p> <p>DO NOT SCALE PRINT</p>	DECIMALS	INCH	MILS	.X"	.05"	[1.27]	.XX"	.03"	[.76]	.XXX"	.010	[.25]
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.X"	.05"	[1.27]											
.XX"	.03"	[.76]											
.XXX"	.010	[.25]											
<p>DRAWN V. SHELL BY 11/04/13 DATE</p> <p>CHECKED T. KUHN 11/04/13 DATE</p> <p>ENG APPR. T. KUHN 11/04/13 DATE</p> <p>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XNVA AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XNVA CORP.</p>	<p style="text-align: center;">XNVA <small>Powered by: Omni Spectra®</small></p> <p>Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101</p> <p style="text-align: center;">TITLE: SMA FIXED COAXIAL ATTENUATOR, DC - 6 GHz</p> <table border="1" style="width: 100%;"> <tr> <td>SIZE: B</td> <td>CAGE CODE: 3HT76</td> <td>DRAWING NUMBER: 2082-6504-DB</td> <td>REV: B</td> </tr> <tr> <td>SCALE: 3:1</td> <td>PLATED FROM: XXX</td> <td>SHEET: 1 OF 1</td> <td>TEMPLATE REV: -</td> </tr> </table>	SIZE: B	CAGE CODE: 3HT76	DRAWING NUMBER: 2082-6504-DB	REV: B	SCALE: 3:1	PLATED FROM: XXX	SHEET: 1 OF 1	TEMPLATE REV: -				
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