

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 6 GHz

ATTENUATION (FREQ. IN GHz) _____ DC - 6
0-6 dB _____ ± 0.3 dB
7-12, 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**
** 5 μ 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.

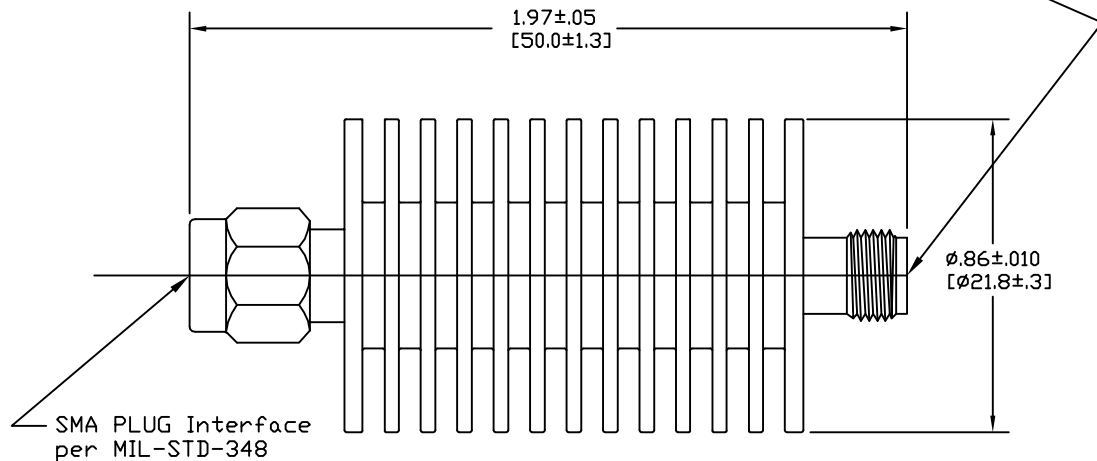
Attenuator Card: Proprietary Thin film, Passivation Protected, on Aluminum Nitride Ceramic Hybrid

Weight: 0.86 oz./24.4 grams Max.

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
-	RELEASED	13-268	11/04/13	T. KUHN
A	.86" WAS .88"	14-150	4/9/14	T. KUHN

SMA JACK Interface
per MIL-STD-348



NUMBER OF HEATSINK FINS
MAY VARY WITH LOTS

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH DIM
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	.X" .05" [1.27] .XX" .03" [.76] .XXX" .010 [.25]
SURFACE ROUGHNESS INCHES 63 ✓	
FINISH	
SEE NOTES	
MATERIAL	
SEE NOTES	
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	
INTERPRET IAW ANSI Y14.5-1982	

ANGLES ±0°30'
REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"
UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.
DO NOT SCALE PRINT

DRAWN V. SHELBY 11/04/13	DATE 11/04/13
CHECKED T. KUHN 11/04/13	DATE 11/04/13
ENG APPR. T. KUHN 11/04/13	DATE 11/04/13
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA 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 XMA CORP.	

XMA Powered by: Omni Spectra® Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101	
TITLE SMA FIXED COAXIAL ATTENUATOR, DC - 6 GHz	
SIZE B	CAGE CODE 3HT76
SCALE 3:1	DRAWING NUMBER 2082-6504-dB
PLATED AREA SQ. IN XXX	REV A
SHEET 1 OF 1	

TEMPLATE REV -