

SPECIFICATIONS

FREQ. RANGE: _____ DC TO 26.5 GHz

VSWR(MAX):
 DC - 4 GHz _____ 1.15:1
 4 - 12.4 GHz _____ 1.25:1
 12.4 - 18.0 GHz _____ 1.35:1
 18.0 - 26.5 GHz _____ 1.50:1

AMPLITUDE ACCURACY
 0dB _____ 0 to 0.5dB
 3-6dB _____ ±0.5dB
 10dB _____ ±0.6dB
 20dB _____ ±0.75dB
 30dB _____ ±1.25dB

POWER(AVG): _____ 2 WATT @25°C
DERATES LINEARLY TO .5W @ 125°C

IMPEDANCE _____ 50 Ohms

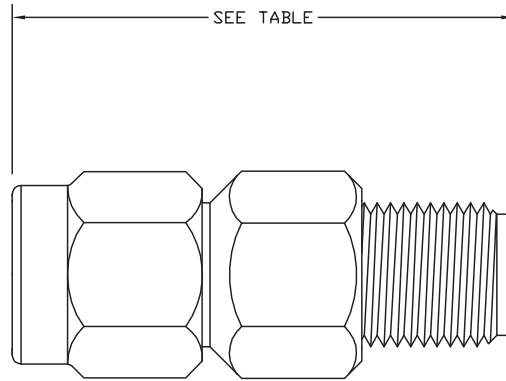
PEAK POWER _____ 500 WATTS MAX
(5uSec PW, 0.10% DUTY CYCLE)

OPERATING TEMP _____ 4° KELVIN TO +125°C
 150° C STORAGE

MECHANICAL:

CONNECTOR MATERIALS/FINISH
 OUTER CONDUCTORS: PASSIVATED STAINLESS STEEL
 CENTER CONDUCTOR: GOLD PLATED BERYLLIUM COPPER
 DIELECTRIC: TEFLON®

MEETS ENVIRONMENTAL REQUIREMENTS OF MIL-DTL-3933/21
 CONNECTORS COMPLY WITH MIL-STD-348 FOR MATING OF SMA CONNECTORS



LENGTH TABLE	
dB VALUE	LENGTH
0 - 12	0.86"
13 - 30	1.02"

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
B	ADDED 30 dB AMPLITUDE ACCURACY	13-141	7/15/13	T. KUHN
C	CHG OPERATING TEMP TO 4° KELVIN	13-261	10/24/13	T. KUHN

DRAWING PRACTICES FOR AMS-D-1545 <small>REVISION 1 2007</small> DIMENSIONS ARE IN INCHES AND APPLY UNLESS OTHERWISE SPECIFIED SURFACE FINISHES 63 FINISH SEE NOTES MATERIAL SEE NOTES NOTE THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION INTERPRET IAW ANSI Y14.5-1982	UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH DIMS .X° .03" (.76) .XX° .010" (.25) .XXX° .005" (.127) XXXX° .0005" (.0127) ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAKS IF OF .0001 TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC TO .001 DIA. DO NOT SCALE PRINT	DRAWN V. SHELBY 3/28/13 CHECKED T. KUHN 3/28/13 ENG APPR T. KUHN 3/28/13 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.
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XMA Powered by
 Omni Spectra®
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 150 Dow Street, Manchester, NH 03101
 TITLE
 ATTENUATOR, SMA, 26.5 GHz

SIZE	CAGE CODE	DRAWING NUMBER	REV
C	3HT76	2782-6051-dB-CRYO	C
SCALE	8:1	SHEET	1 OF 1

TEMPLATE REV -