

ELECTRICAL

FREQUENCY RANGE DC - 26.5 GHz

ATTENUATION ACCURACY ACROSS FREQUENCY RANGE

0 - 10 dB	+0.50 dB
11 - 20dB	±1.0 dB
21 - 30 dB	±1.50 dB

VSWR

DC - 18 GHz	1.35:1 MAX
18 - 26.5 GHz	1.50:1 MAX

INPUT POWER 2 WATTS AVG. @ 25°C

DERATES LINEARLY TO 10% @ 125°C FROM 25°C

PEAK POWER 500 WATTS

<5µSec PULSE WIDTH, .05% DUTY CYCLE>

IMPEDANCE 50 OHMS

OPERATING TEMP RANGE -55°C TO +125°C

CONFORMANCE TESTING IS 100% ATTENUATION AND V.S.W.R.

ACROSS SWEEPED FREQUENCY RANGE AT 20-25°C

MECHANICAL

CONNECTOR BODIES PASSIVATED STAINLESS STEEL

CENTER CONDUCTORS GOLD PLATED BERYLLIUM COPPER

INSULATORS PTFE (TEFLON) IAW ASTM-D1710

RESISTIVE ELEMENT THIN FILM ON CERAMIC RESISTIVE CIRCUIT

NOT A HERMETIC SEALED UNIT

RECOMMENDED CONNECTION TORQUE IS 7-8 in./Lbs. (0.8 to 0.9 Nm)

RoHS DEVICE

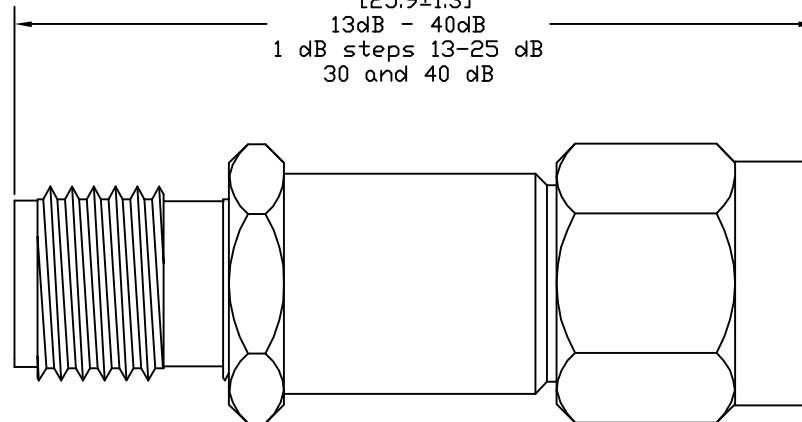
MATERIALS, ENVIRONMENTAL PERFORMANCE & FINISHES COMPLY TO MIL-DTL-3933

PRODUCTION
RELEASE

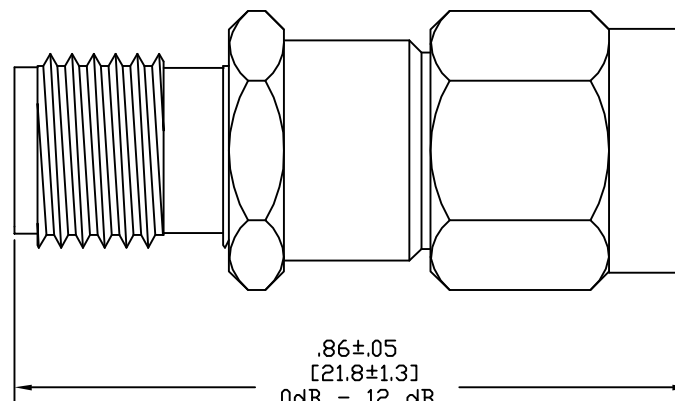
NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1995

REVISIONS			APPROVED
REV	DESCRIPTION		
-	Released	7/6/10	A. Gagne

1.02±.05
[25.9±1.3]
13dB - 40dB
1 dB steps 13-25 dB
30 and 40 dB



.86±.05
[21.8±1.3]
0dB - 12 dB
in 1/2dB steps



The supplier shall only use raw materials that are in accordance with DFAR Clause 252.225-7014, "Preference For Domestic Specialty Metals, Alt. 1" Metals must have been melted in the United States, its outlying areas, or a qualifying country listed in DFARS 225.872-1. These instructions must be flowed down to all sub-tier suppliers as well. Certifications of compliance to this requirement must be made available to XMA Corporation upon request.

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-883C & 3800	UNLESS OTHERWISE SPECIFIED TOLERANCES IN	DRAWN	DATE
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	DIM INCH MM	CHECKED	DATE
SURFACE ROUGHNESS	.XX" .05" [1.3] .XX" .03" [.76] .XXXX" .015 [.40]	ENG.	DATE
FINISH	.XXXX" ANGLES	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNISPECTRA 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.	
MATERIAL	UNLESS OTHERWISE NOTED DIA5 CONCENTRIC <.003 T.I.R.		
SEE NOTES			
SEE NOTES			

www.XMACorp.com Sales@XMACorp.com			
Omni Spectra® Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101			
TITLE			
ATTENUATOR, 2 WATT, 26.5 GHz			
SIZE	CAGE CODE	DWG NO.	
C	3HT76	2682-6460-DB	
SCALE	8:1	PLATING AREA SQUARE INCHES	XXX
		SHEET	1 OF 1