

SPECIFICATIONS

ELECTRICAL:

FREQ. RANGE (GHz): _____ DC TO 26

VSWR (MAX):

DC - 6 GHz _____ 1.15:1
 6 - 18.0 GHz _____ 1.25:1
 18.0 - 26 GHz _____ 1.35:1

ATTENUATION ACCURACY

0dB _____ 0 to 0.5 dB
 1 - 12 dB (1 DB STEPS) _____ ±0.50 dB
 15 & 20 dB _____ ±0.75 dB
 30dB _____ ±1.25 dB

POWER(AVG): _____ 2 WATT @25°C

DERATES LINEARLY TO .5W @ 125°C

PEAK POWER _____ 500 WATTS MAX

(5uSec PW, 0.10% DUTY CYCLE)

IMPEDANCE _____ 50 Ohms

MECHANICAL:

OPERATING TEMP _____ -65°C TO +125°C

CONNECTOR MATERIALS/FINISH

OUTER CONDUCTORS: PASSIVATED STAINLESS STEEL

CENTER CONDUCTOR: GOLD PLATED BERYLLIUM COPPER

DIELECTRIC: TEFLON®

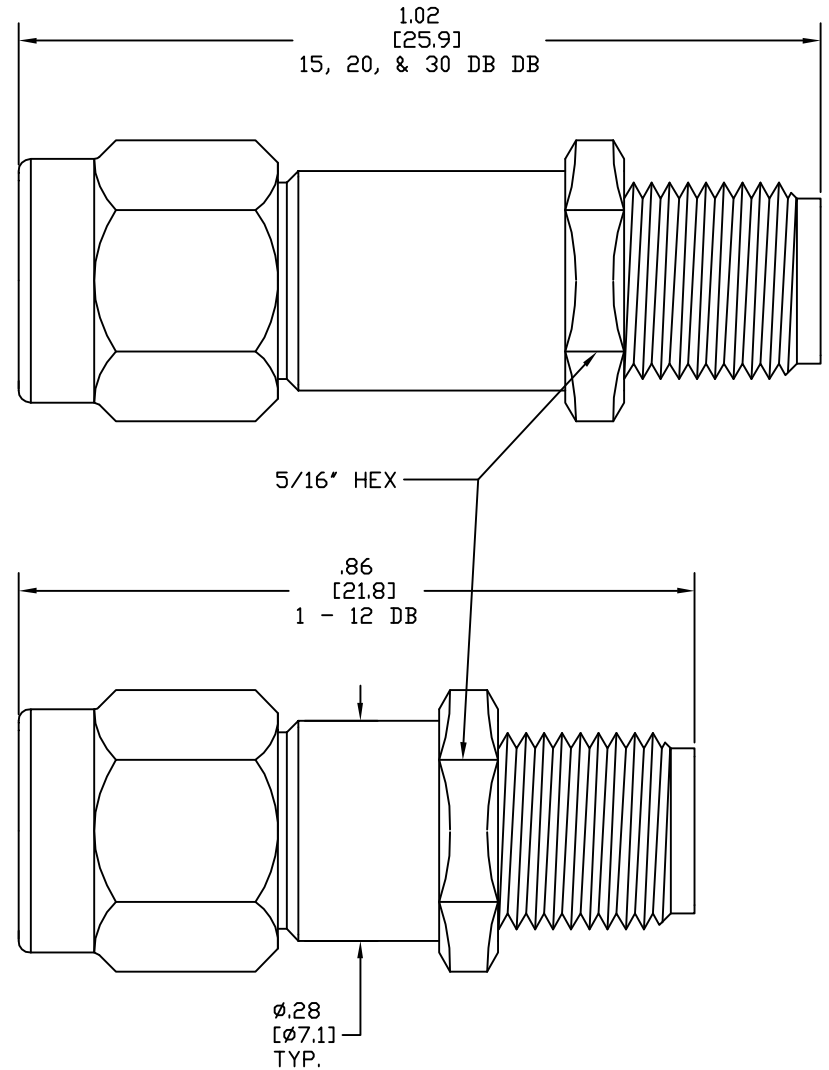
MEETS ENVIRONMENTAL REQUIREMENTS OF MIL-DTL-3933/21
 CONNECTORS COMPLY WITH MIL-STD-348 FOR MATING OF SMA
 CONNECTORS

PRODUCTION
RELEASE

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IN ACC. WITH ASME Y14.5-1992

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
-	Released	12/20/2011	D. Saunders



DRIVING PRACTICES PER ANSI-Y-44.5 MIL-STD-100 & 1000 DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING SURFACE ROUGHNESS 63 ✓	UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH MM .XX" .05" [1.3] .XXX" .030" [.76] .XXXX" .015 [.37]	DRAWN D. SAUNDERS 12/20/2011 DATE CHECKED _____ DATE ENG. D. SAUNDERS 12/20/2011 DATE
FINISH: SEE NOTES	ANGLES UNLESS OTHERWISE NOTED, DIA'S CONCENTRIC <.003 T.I.R.	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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TITLE
SMA Attenuator 26 GHz

SIZE C	CAGE CODE 3HT76	DWG NO. 2782-6426-DB
SCALE 8:1	PLATING ZINCPALM	XXX SHEET 1 OF 1