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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE DC TO 18 GHz

ATTENUATION (FREQ. IN GHz)	DC-12.4	12.4-18
0-6 dB	±0.3 dB	±0.5 dB
7-12, 15 & 20 dB	±0.5 dB	±0.75 dB
30 & 40 dB	±0.75 dB	±1.00 dB

VSWR(MAX)	DC - 4 GHz	1.15:1
	4 - 12.4 GHz	1.25:1
	12.4-18 GHz	1.40:1

POWER 10 WATTS (AVG)*
 Derates Linearly from +25°C to 10% at +125°C
 POWER, PEAK 500 WATTS**
 ** 5 μ S PULSE WIDTH, 0.2% DUTY CYCLE

IMPEDANCE: 50 OHMS

OPERATING TEMP RANGE -65 TO +125°

ENVIRONMENTAL CAPABILITIES
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: 2.7 OZ. [77 GRAMS] MAX.

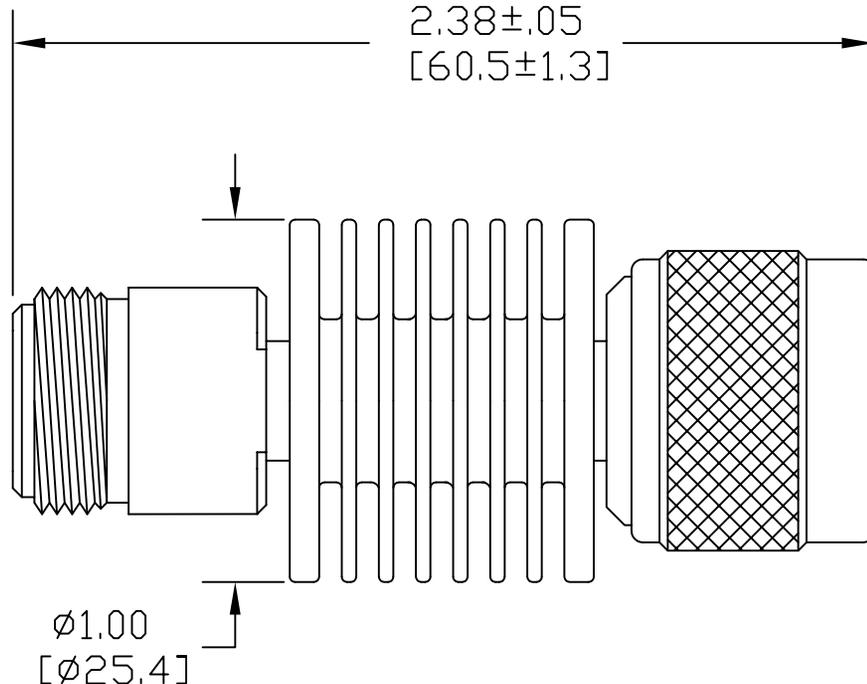
PRODUCTION RELEASE

NOTE:
 THIS DRAWING INCORPORATES
 THIRD ANGLE PROJECTION.

 INTERPRET IAW ANSI Y14.5-1992

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
F1	TYPO - CHNG SMA TO TYPE N	9/24/10	T. KUHN



DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH DIM	DRAWN M. TURNER CHECKED	DATE 5/06/2009 DATE
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	.X" [1.25] .XX" .050" [1.25] .XXX" .03 [0.76] .XXXX" ANGLES	ENGINEER APPR.	DATE
FINISH SEE NOTES		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.	
MATERIAL SEE NOTES	UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.		

XMA Powered by:
Omni Spectra®
 Phone: 603-222-2256 Fax: 603-222-2259
 150 Dow Street, Manchester, NH 03101

TITLE TYPE N FIXED COAXIAL ATTENUATOR			
SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 3082-6502-XX	
SCALE 3:1	PLATED AREA SQ. IN XXX	SHEET 1 OF 1	

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BCSI