

PRODUCTION
RELEASE

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IN ACCORDANCE WITH ASME Y14.5-1995

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
B	Added P/N s 7003 and 7006	01/25/2012	D.SAUNDERS

SPECIFICATIONS

ELECTRICAL:

FREQUENCY RANGE	3282-7002-dB	DC to 2 GHz
	3282-7001-dB	DC to 4 GHz
	3282-7006-dB	DC to 6 GHz

STANDARD dB VALUES _____ 0-10, 12, 15, 20, 30 dB

ATTENUATION ACCURACY

0 - 6 dB	± 0.3 dB
7 - 12 dB	± 0.5 dB
21 - 30 dB	± 0.75 dB

VSWR	DC to 4 GHz	1.25:1 MAX.
	4 to 6 GHz	1.30:1 MAX.

POWER (AVG) _____ 2 WATTS @ 25°C
DERATES LINEARLY TO 0.5 WATTS @ 125°C

POWER (PEAK) _____ 250 WATTS
5 μSEC PULSE WIDTH AND 0.1% DUTY CYCLE

IMPEDANCE _____ 50 OHMS

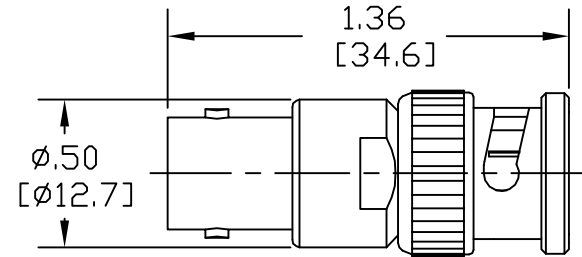
TEMPERATURE RANGE (°C) _____ -65 TO +125

MATERIALS:

CENTER CONTACT - GOLD PLATED BeCu

CONNECTOR BODY AND COUPLING NUT - NICKEL PLATED BRASS

DIELECTRICS TEFLON



DRAWING PRACTICES PER ASME Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH MM	DRAWN D. SAUNDERS	DATE 1/28/2008
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	.XX .XXX .XXXX .030 [.75]	CHECKED	DATE
SURFACE ROUGHNESS	✓	ENG.	DATE
FINISH	SEE NOTES	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	SEE NOTES	SCALE	3:1

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SEE NOTES	SCALE	3:1

DATE 1/28/2008	DATE
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POWERED BY:

TITLE
ATTENUATOR, BNC, M/F,
2 WATT, UP TO 6 GHz

SIZE C	CAGE CODE 3HT76	DWG NO. 3282-700X-dB
SCALE 3:1	PLATING REF. SO. REF. B.C.H.F.S.	XXX
SHEET 1 OF 1		