

## ELECTRICAL

## SPECIFICATIONS

FREQUENCY RANGE \_\_\_\_\_ DC - 40GHz

ATTENUATION \_\_\_\_\_ DC-26.5GHz \_\_\_\_\_ 26.5-40GHz

0, 3 TO 6dB \_\_\_\_\_ ±0.5 dB \_\_\_\_\_ ±0.8 dB

10 TO 20dB \_\_\_\_\_ ±0.6 dB \_\_\_\_\_ ±1.0 dB

30dB \_\_\_\_\_ ±0.8 dB \_\_\_\_\_ ±1.0 dB

## VSWR

DC - 18.0 GHz \_\_\_\_\_ &lt;1.30:1

18.0 - 40 GHz \_\_\_\_\_ &lt;1.40:1

## POWER

\_\_\_\_\_ 2 WATTS @ 25°C

DERATES LINEARLY TO 10% @ 125°C

## IMPEDANCE

\_\_\_\_\_ 50 OHMS

## OPERATING TEMP RANGE

\_\_\_\_\_ -55°C TO +125°C

## MECHANICAL

## HOUSING

PASSIVATED STAINLESS

STEEL IAW ASTM-A484

&amp; ASTM-A582 ALLOY 303 COND A

## CENTER CONDUCTORS

GOLD PLATED BERYLLIUM COPPER

## MARKING

PART LOOKS LIKE PRODUCT IMAGE.

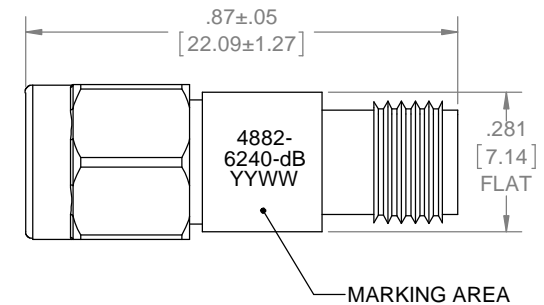
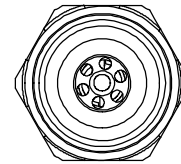
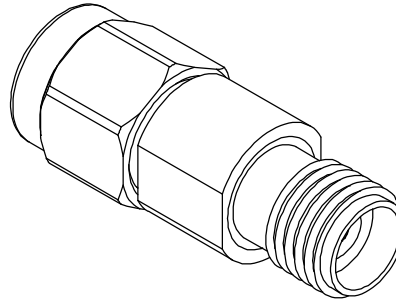
PART MARKING ORIENTATION AND FORMAT AS SHOWN.

MARKING TO BE ON ROUND SURFACE, NOT FLATS.

MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, AND READABLE.

REPLACE -dB WITH APPROPRIATE TWO DIGIT dB VALUE FROM WORK ORDER.

YYWW = DATE CODE.



DASH #	dB VALUE
-00	0
-01	1
-02	2
-03	3
-04	4
-05	5
-06	6
-07	7
-08	8
-09	9
-10	10
-12	12
-15	15
-20	20
-30	30

DRAWING PRACTICES PER ANSI-Y14.5  
MIL-STD-100 & 1000DIMENSIONS ARE IN INCHES AND  
APPLY BEFORE / AFTER PROCESSINGSURFACE  
ROUGHNESS

63

FINISH:

SEE NOTE

MATERIAL:

SEE NOTE

NOTE:  
THIS DRAWING INCORPORATES  
THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED

TOLERANCES IN:

DECIMALS INCH [MM]

.X" .05" [1.27]

.XX" .03" [.76]

.XXX" .010" [.25]

ANGLES ±0°30'

REMOVE ALL BURRS/SHARP W/

BREAK / R OF .003" TO .0005"

UNLESS OTHERWISE NOTED

DIAS CONCENTRIC &lt;.003 T.I.R.

DO NOT SCALE PRINT

DRAWN	DATE
MCCORMICK	8/22/14
CHECKED	DATE
MCCORMICK	8/22/14
ENG. APPR.	DATE
T.KUHN	8/22/14

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MANUFACTURE OR SALE OF OTHER  
ITEMS WITHOUT THE EXPRESS  
WRITTEN PERMISSION OF XMA CORP.

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	4882-6240-dB	ATTENUATOR, 2.9mm-m/f, DC-40 GHz, 2W	
1	TA-4882-6240-dBU	ASSY, ATTENUATOR, 2.9mm-m/f, DC-40 GHz, 2W, UNMARKED	1

**XMA** NOTICE 7  
Omni SpectraPhone: 603-222-2256 Fax: 603-222-2259  
150 Dow Street, Manchester, NH 03101  
TITLE

ATTENUATOR, 2.9mm-m/f, DC-40 GHz, 2W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	4882-6240-dB	B
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	