

SPECIFICATIONS

ELECTRICAL:

FREQ. RANGE _____ DC TO 18 GHz

VSWR _____ 1.30:1 MAX.

AVAILABLE dB VALUES _____ SEE CHART A

ATTENUATION ACCURACY

3dB & 6dB _____ ±0.50 dB

10dB _____ ±0.60 dB

20dB _____ ±0.75 dB

POWER _____ 1 WATT AVG. @ 25°C

DERATES LINEARLY TO 10% @ 125°C

PEAK POWER _____ 50 WATTS MAX.

(5uSec PW, 0.05% DUTY CYCLE)

IMPEDANCE _____ 50 OHMS NOM.

TEMPERATURE RANGE _____ -55°C TO +125°C

DESIGNED TO MEET THE INTENT OF MIL-DTL-3933
TABLE III SCREENING

MATERIAL:

BARREL _____ STAINLESS STEEL IAW ASTM-A484 &
ASTM-A582, ALLOY 303, COND A

SMP HOUSINGS _____ BERYLLIUM COPPER

SMP CONTACTS _____ BERYLLIUM COPPER

DIELECTRIC _____ TEFLON

OPERATING TEMP _____ -65°C TO +125°C

FINISH:

BARREL _____ PASSIVATED

SMP HOUSINGS _____ GOLD PLATED IAW MIL-G-45204, TYPE II,
CLASS 1

SMP CONTACTS _____ GOLD PLATED IAW MIL-G-45204, TYPE II,
CLASS 1

MARKING:

PART LOOKS LIKE PRODUCT IMAGE ABOVE

PART MARKING AND ORIENTATION AND FORMAT AS SHOWN

REPLACE THE "dB" WITH THE ACTUAL TWO DIGIT dB VALUE AS STATED ON THE
WORK ORDER

MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE AND
BLACK IN COLOR

TEXT HEIGHT OF .030" IS SUGGESTED ONLY, FIT AS DEPICTED

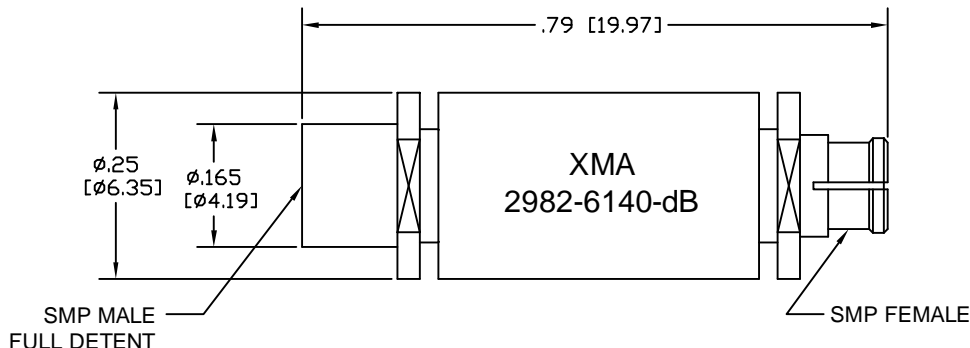


CHART A

-dB	AVAILABLE dB VALUES
03	3
06	6
10	10
20	20

QTY	PART NUMBER	DESCRIPTION	ITEM NO.
1	TA-2982-6140-dBU	ATTENUATOR, SMP, MALE TO FEMALE, 1 WATT, DC-18GHz, UNMARKED	1

<p>DRAWING PRACTICES PER ANSI-Y14.5 MIL-STD-1300 & 1301</p> <p>ALL DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING</p> <p>SURFACE ROUGHNESS INCHES</p> <p>63</p> <p>FINISH</p> <p>SEE NOTES</p> <p>MATERIALS</p> <p>SEE NOTES</p> <p>NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION</p> <p>INTERPRET IAW ANSI Y14.5-1986</p>	<p>UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH DIM</p> <p>.X" .05" [1.27] .XX" .030" [.76] .XXX" .010 [.254]</p> <p>ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAK / R OF .002 TO .0005" UNLESS OTHERWISE NOTED DIMS CONCENTRIC - .000 TLR</p> <p>DO NOT SCALE PRINT</p>	<p>DRAWN McCormick CHECKED McCormick ENG APPR. T.KUHN</p> <p>DATE 07/23/14 DATE 07/23/14 DATE 07/23/14</p> <p>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.</p>
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<p>SIZE c</p> <p>SCALE 8:1</p>	<p>CAGE CODE 3HT76</p> <p>PLATED AREA SH. IN XXX</p>	<p>DRAWING NUMBER 2982-6140-dB</p> <p>SHEET 1 OF 1</p>	<p>REV -</p>
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<p>XMA</p> <p>Omni Spectra[®]</p> <p>Phone: 603-222-2256 Fax: 603-222-2259</p> <p>150 Dow Street, Manchester, NH 03101</p>	<p>ATTENUATOR, SMP, MALE TO FEMALE, 1 WATT, DC-18GHz</p>
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