

## ELECTRICAL

## SPECIFICATIONS

FREQUENCY RANGE \_\_\_\_\_ DC- 18GHz

ATTENUATION ACCURACY ACROSS FREQ. RANGE

01-06 dB	±0.30 dB
07-10 dB	±0.50 dB
11-20 dB	±0.75 dB
21-30 dB	±1.00 dB

VSWR

DC - 4 GHz	1.15:1 MAX
4 - 12.4 GHz	1.25:1 MAX
12.4 - 18 GHz	1.35:1 MAX

INPUT POWER \_\_\_\_\_ 2 WATTS AVG. @ 25°C  
DERATES LINEARLY TO 10% @ 125°C FROM 25°C

RF LEAKAGE/RFI \_\_\_\_\_ &gt;65 dBc (&gt;90 dBc TYP.)

PEAK POWER \_\_\_\_\_ 500 WATTS  
(5 µ Sec PULSE WIDTH, .25% DUTY CYCLE)

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

OPERATING TEMP RANGE \_\_\_\_\_ -65°C TO +125°C

## MECHANICAL

CONNECTOR BODIES	PASSIVATED STAINLESS STEEL
CENTER CONDUCTORS	GOLD PLATED BERYLLIUM COPPER
INSULATORS	PTFE (TEFLON) IAW ASTM-D1710
RESISTIVE ELEMENT	THIN FILM ON CERAMIC RESISTIVE CIRCUIT

NOT A HERMETIC SEALED UNIT

RoHS COMPLIANT DEVICE

MATERIALS, ENVIRONMENTAL PERFORMANCE &amp; FINISHES COMPLY TO MIL-DTL-3933

## MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.  
PART MARKING ORIENTATION AND FORMAT AS SHOWN.  
MARKING TO BE AS LARGE AS POSSIBLE BE, CLEAR, READABLE.  
"-dB" TO BE REPLACED WITH TWO DIGIT dB VALUE SPECIFIED ON WORK ORDER  
YYWW = DATE CODE.

产品如图。

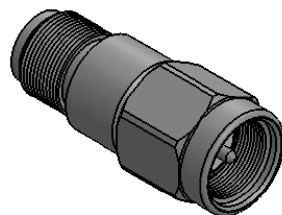
标记方向和格式如图所示。

标记尽可能大，清晰，可读性强。

“-dB” 替换为工单上指定的2数字的DB值

YYWW =日期代码。

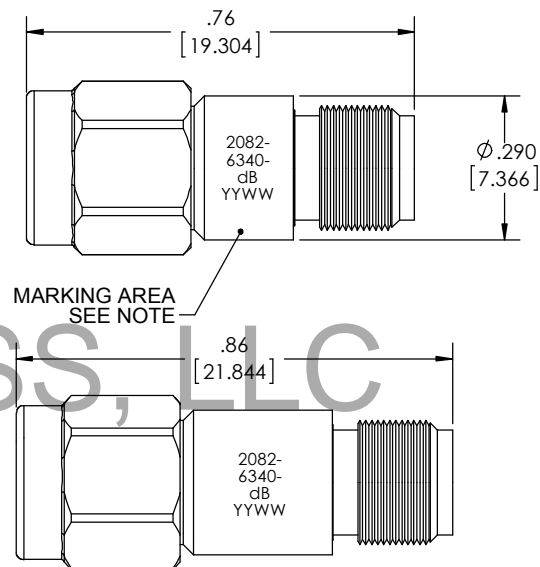
Dennis 2018/08/03



0dB - 12dB

13dB - 30dB

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
E	IN SOLIDWORKS/ADDED MARKING	14-204	8/19/14	T.KUHN
F	CHANGED MARKING TO 4 LINES	16-017	1/26/16	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2082-6340-dB	ATTENUATOR, SMA-m/f, DC-18 GHz, 2 WATTS AVG, 500 WATTS PEAK	
1	TA-2082-6340-dBU	ASSEMBLY, ATTENUATOR, SMA-m/f, DC-18 GHz, 2 WATTS AVG, 500 WATTS PEAK, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING
SURFACE ROUGHNESS $\mu$ INCHES <b>63</b>
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 <.003 T.I.R.
DO NOT SCALE PRINT

DRAWN	DATE
MCCORMICK	8/18/14
CHECKED	DATE
MCCORMICK	8/18/14
ENG. APPR.	DATE
T.KUHN	8/18/14

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ATTENUATOR, SMA-m/f, DC-18 GHz,  
2 WATTS AVG, 500 WATTS PEAK

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2082-6340-dB	F
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	