

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
 6 - 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 _____ >65 dBc (>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

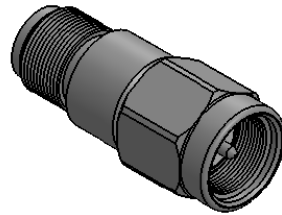
NOT A HERMETIC SEALED UNIT

ROHS COMPLIANT DEVICE

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

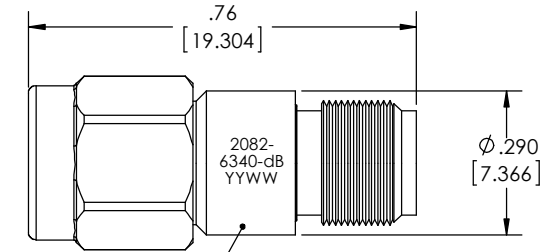
MARKING

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.

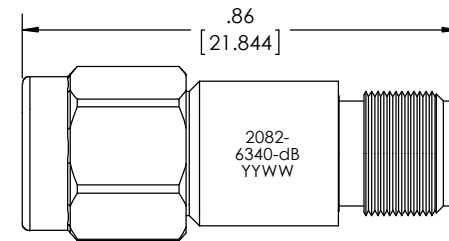


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
E	IN SOLIDWORKS/ADDED MARKING	14-204	8/19/14	T.KUHN

0dB - 12dB



13dB - 30dB



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 μINCHES 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 <.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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TITLE
**ATTENUATOR, SMA-m/f, DC-18 GHz,
 2 WATTS AVG, 500 WATTS PEAK**

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

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