

ELECTRICAL

FREQUENCY RANGE: _____ DC TO 6.0 GHz

STANDARD VALUES _____ 0-20, 25 & 30 dB

INSERTION LOSS:

0 _____ ± 0.3 dB
1-20 dB _____ ± 0.5 dB
25 & 30 dB _____ ±0.75 dB

VSWR

DC TO 2.5 GHz _____ 1.15:1 MAX
2.5 TO 6.0 GHz _____
0-6dB _____ 1.20:1
7-12dB _____ 1.25:1
13-20dB _____ 1.30:1
25 & 30dB _____ 1.35:1

POWER (AVG) _____ 2 W @ 25°C

POWER (PEAK) _____ 200 W

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ -65 TO +125°

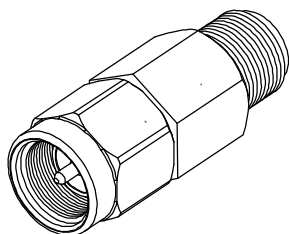
MECHANICAL

WEIGHT _____ 0.21 OZ MAX.

RoHS COMPLIANT DEVICE

MARKING

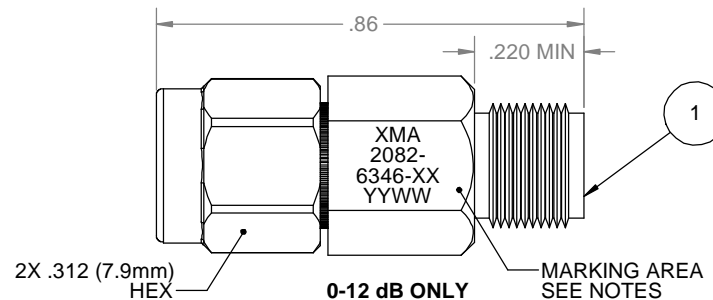
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, AND READABLE.
REPLACE "XX" WITH APPROPRIATE TWO DIGIT dB VALUE FROM
WORK ORDER.
YYWW = DATE CODE.

**Precision
Wireless**POWERED BY
Omni Spectra®

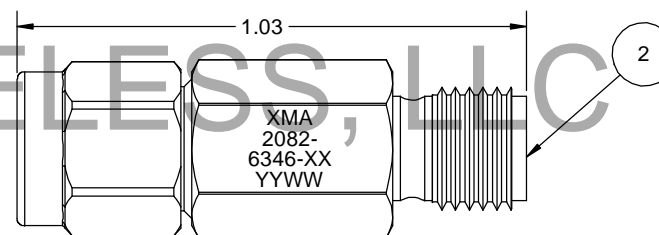
外来文件受控章

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
B	ADDED 13dB	15-170	6/12/15	T.KUHN
C	CLARIFIED MARKING	15-217	7/13/15	T.KUHN
D	ADDED LONGER 30 dB VERSION	18-027	3/21/18	T.KUHN
E	ADDED 13-30 dB LONGER VERSION	18-152	10/9/18	T.KUHN



0-12 dB ONLY

MARKING AREA
SEE NOTES

13 - 30 dB ONLY

QTY. 0-12dB	QTY. 13-30dB	PART NUMBER	DESCRIPTION	ITEM NO.
X	X	2082-6346-dB	ATTENUATOR, SMA-m/f, DC-6GHz, 2 WATT	
1	-	TA-2082-6346-dBU	ASSY, ATTENUATOR, SMA-m/f, DC-6GHz, 2 WATT, UNMARKED	1
-	1	TA-2082-6200-dBU	ASSY, ATTENUATOR, SMA-m/f, DC-6GHz, 2 WATT, UNMARKED	2

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

FINISH:

MATERIAL:

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1982UNLESS OTHERWISE SPECIFIED
TOLERANCES IN:

DECIMALS	INCH	[MM]
.X"	.03"	[.76]
.XX"	.010"	[.25]
.XXX"	.005	[.127]
.XXXX"	.0005"	[.013]

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 _____

CHECKED _____ DATE _____

ENG. APPR. _____ DATE _____

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WRITTEN PERMISSION OF XMA CORP.**XMA** Omni Spectra®Phone: 603-222-2256 Fax: 603-222-2259
150 Dow Street, Manchester, NH 03101

TITLE

ATTENUATOR, SMA-m/f, DC-6GHz, 2 WATT

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2082-6346-dB	E

SCALE

PLATED
AREA SQ. IN

SHEET 1 OF 1