REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIATED	14-154	04/14/14	T.KUHN
A	ADDED DATE CODE	15-042	2/19/15	T.KUHN

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE: DC TO 6.0 GHz

STANDARD VALUES: 0-12, 15, 20, 30 dB

INSERTION LOSS:

0	+ 0.3 dB
1-6 dB	± 0.5 dB
7-12 & 20 dB	± 0.5 dB
25 & 30 dB	±0.75 dB

VSWR(MAX): 1.15:1 (DC TO 2.5 GHz)
(2.5 TO 6.0 GHz)

0-6dB	1.20
7-12dB	1.25
15, 20dB	1.30
25 & 30dB	1.35

POWER: PEAK: 200 W
AVERAGE: 2 W @ 25°C

IMPEDANCE: 50 OHMS

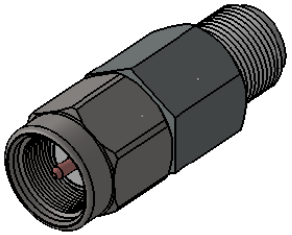
OPERATING TEMP RANGE: -65 TO +125°

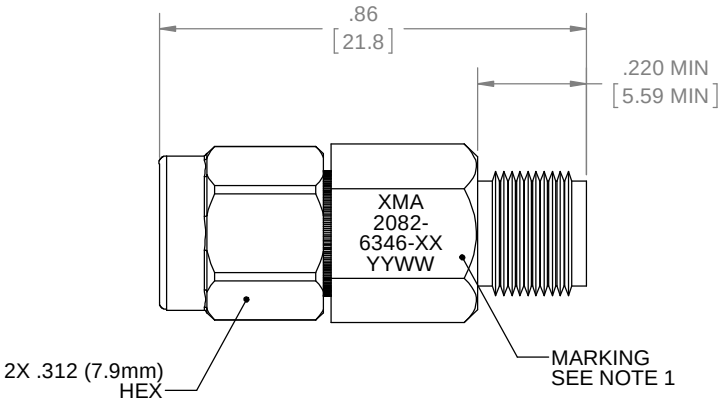
MECHANICAL

WEIGHT: 0.21 OZ MAX.

NOTES:
1. "XX" EQUALS THE dB VALUE ON THE WORK ORDER. THE "XX" IS TO BE REPLACED WITH SINGLE OR DOUBLE DIGITS.

EXAMPLE: 2082-6346-03 "XX" = 3dB
2082-6346-30 "XX" = 30dB





DASH # -dB-	XX VALUE
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
20	20
25	25
30	30

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2082-6346-dB	ATTENUATOR, SMA-m/f, DC-6GHz, 2 WATT	
1	TA-2082-6346-dBU	ATTENUATOR, SMA-m/f, DC-6GHz, 2 WATT, 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:
MATERIAL:
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1982

UNLESS 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

THESE DRAWNGS 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.

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	A

SCALE | PLATED AREA SQ. IN | SHEET 1 OF 1