

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°

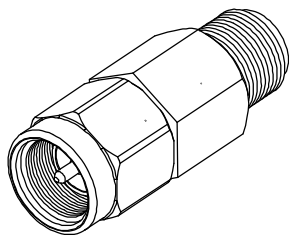
MECHANICAL

WEIGHT _____ 0.21 OZ MAX.

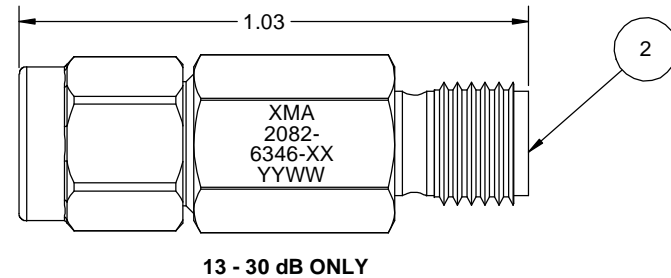
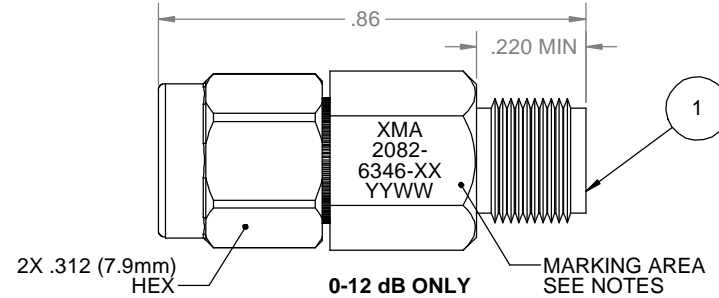
RoHS COMPLIANT DEVICE

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.



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



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-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS	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
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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	