

**SPECIFICATIONS**

**ELECTRICAL**

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

**ATTENUATION ACCURACY**

0-6 dB \_\_\_\_\_ ±0.30 dB  
 7-10, 20 dB \_\_\_\_\_ ±0.50 dB  
 11-30 dB \_\_\_\_\_ ±0.75 dB  
 40 dB \_\_\_\_\_ ±1.50 dB  
 50, 60 dB \_\_\_\_\_ ±2.00 dB

**VSWR**

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

INPUT POWER \_\_\_\_\_ 2 WATTS AVG. @ 25°C

PEAK POWER \_\_\_\_\_ 500 WATTS

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

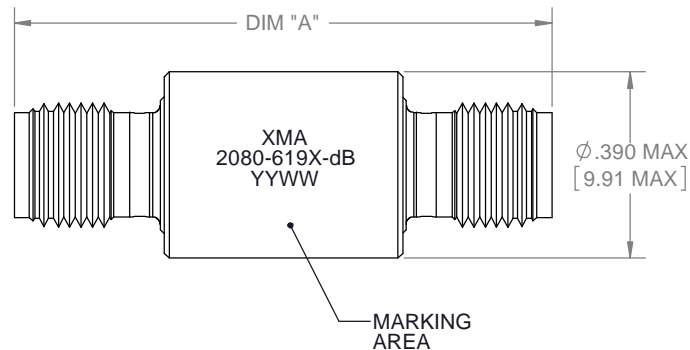
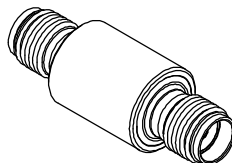
OPERATING TEMP RANGE \_\_\_\_\_ -65°C TO +125°C

**MECHANICAL**

SMA CONNECTORS \_\_\_\_\_ PASSIVATED STAINLESS STEEL  
 CONDUCTORS \_\_\_\_\_ GOLD PLATED BeCu  
 HOUSING \_\_\_\_\_ PASSIVATED STAINLESS STEEL

**MARKING**

PART LOOKS LIKE PRODUCT IMAGE ABOVE.  
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.  
 "dB" IS TO BE REPLACED WITH A DOUBLE DIGIT dB VALUE  
 FROM WORK ORDER.  
 LASER MARKING IS TO BE AS LARGE AS POSSIBLE, CLEAR, AND READABLE.  
 YYWW EQUALS DATE CODE.



dB	DIM "A"	WEIGHT
0-30	1.07 (27.2mm)	0.30 oz MAX
40, 50, 60	1.63 (41.4mm)	0.40 oz MAX

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2080-619X-dB	ATTENUATOR, SMA-f/f, DC-18 GHz, 2W	
1	TA-2080-619X-dBU	ASSY, ATTENUATOR, SMA-f/f, DC-18 GHz, 2W, UNMARKED	1

PART #	dB
2080-6191-dB	0-3
2080-6192-dB	4-6
2080-6193-dB	7-10
2080-6194-dB	11-20
2080-6195-dB	30
2080-6196-dB	40, 50, 60

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000  
 DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING  
 SURFACE ROUGHNESS  $\mu$ INCHES **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  
**T.KUHN** 10/15/07  
 CHECKED DATE  
 ENG. APPR. DATE  
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 TITLE  
**ATTENUATOR, SMA-f/f, DC-18 GHz, 2W**  

SIZE	CAGE CODE	DRAWING NUMBER	REV
<b>B</b>	<b>3HT76</b>	<b>2080-619X-dB</b>	<b>B</b>
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
A	ADDED MARKING	14-199	3/26/14	T.KUHN
B	ADDED DATE CODE;FIXED MARKING	15-272	9/18/15	T.KUHN