

SPECIFICATIONS

ELECTRICAL
 FREQUENCY RANGE _____ DC- 18 GHz

ATTENUATION ACCURACY ACROSS FREQ. RANGE
 0 to 6.0 dB _____ ±0.30 dB
 7 to 12 dB _____ ±0.50 dB
 13-19 dB _____ ±0.75 dB
 20 dB _____ ±0.50 dB
 30 dB _____ ±0.75 dB
 40, 50, 60 dB _____ ±1.50 dB

VSWR
 DC - 4 GHz _____ 1.15:1 MAX
 4 - 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
 (5mSec PULSE WIDTH, .05% DUTY CYCLE)

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ -65°C TO +125°C

CONFORMANCE TESTING IS 100% ATTENUATION AND V.S.W.R.
 ACROSS SWEPT FREQUENCY RANGE AT 20-25°C

MECHANICAL

CONNECTOR BODIES _____ PASSIVATED STAINLESS
 STEEL
 CENTER CONDUCTORS _____ GOLD PLATED BERYLLIUM
 COPPER
 INSULATORS _____ PTFE (TEFLON)
 IAW ASTM-D1710

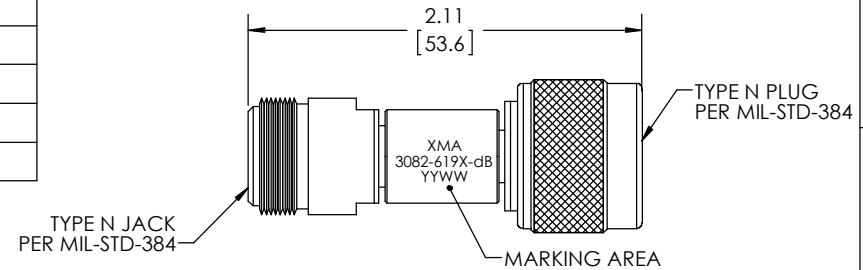
RoHS DEVICE

MARKING

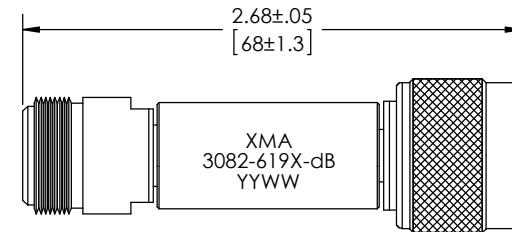
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.
 MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
 REPLACE "dB" WITH THE SPECIFIED dB VALUE ON WORK ORDER.
 YYWW EQUALS DATE CODE.

PART NUMBERS	dB VALUES 1db STEPS
3082-6191-00/-03	0 dB/3 dB
3082-6192-04/-06	4 dB/6 dB
3082-6193-07/-12	7 dB/12 dB
3082-6194-13/-20	13 dB/20 dB
3082-6195-30	30 dB
3082-6196-40	40 dB
3082-6196-50	50 dB
3082-6196-60	60 dB

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	RELEASED	13-199	9/11/13	T.KUHN
A	ADDED MARKING/NEW FORMAT	15-038	2/17/15	T.KUHN



0-30dB ONLY



40, 50, & 60dB ONLY

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	3082-619X-dB	ATTENUATOR, N-m/f, DC-18GHz, 2W	
1	TA-3082-619X-dBU	ASSY, ATTENUATOR, N-m/f, DC-18GHz, 2W, 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 NOTES	
MATERIAL:	
SEE NOTES	
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	2/17/15
CHECKED	DATE
MCCORMICK	2/17/15
ENG. APPR.	DATE
T.KUHN	2/17/15

Phone: 603-222-2256 Fax: 603-222-2259
 150 Dow Street, Manchester, NH 03101

TITLE

ATTENUATOR, N-m/f, DC-18GHz, 2W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	3082-619X-dB	A
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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