

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

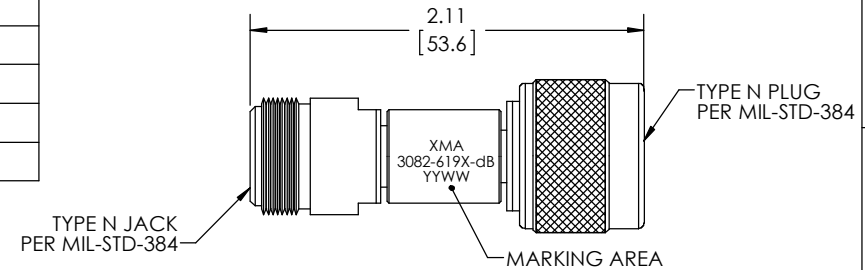
MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
REPLACE "dB" WITH THE SPECIFIED dB VALUE ON WORK ORDER.
YYWW EQUALS DATE CODE.

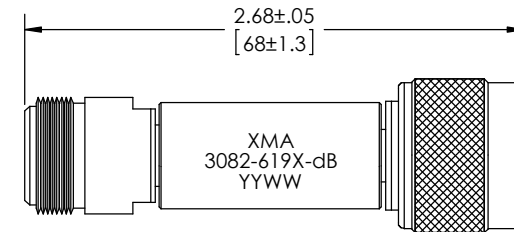
PART NUMBERS	dB VALUES 1db STEPS
3082-6191-00/-03	0 dB/3 dB
3082-6192-04/-06	4 dB/6 dB
3082-6193-07/-12	7 dB/12 dB
3082-6194-13/-20	13 dB/20 dB
3082-9195-30	30 dB
3082-6196-40	40 dB
3082-6196-50	50 dB
3082-6196-60	60 dB

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	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	DECIMALS INCH [MM]
SURFACE ROUGHNESS μINCHES 63	.X" .05" [1.27]
FINISH:	.XX" .03" [.76]
SEE NOTES	.XXX" .010" [.25]
MATERIAL:	ANGLES ±0°30'
SEE NOTES	REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.
INTERPRET IAW ANSI Y14.5-1982	DO NOT SCALE PRINT

DRAWN MCCORMICK	DATE 2/17/15
CHECKED MCCORMICK	DATE 2/17/15
ENG. APPR. T.KUHN	DATE 2/17/15

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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	