

SPEIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ SEE TABLE

ATTENUATION ACCURACY ACROSS FREQ. RANGE

01-06 dB	±0.30 dB
07-12 & 20 dB	±0.50 dB
13-19 & 30 dB	±0.75 dB
40 dB	±1.50 dB

VSWR

DC - 2.5 GHz	1.20:1 MAX
DC - 6.0 GHz	1.25:1 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
(5µSec 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 _____ NICKEL PLATED BRASS

CENTER CONDUCTORS _____ GOLD PLATED BERYLLIUM COPPER

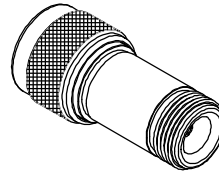
INSULATORS _____ PTFE (TEFLON) IAW ASTM-D1710

RESISTIVE ELEMENT _____ THIN FILM ON CERAMIC RESISTIVE
CIRCUIT NOT A HERMETIC SEALED UNIT

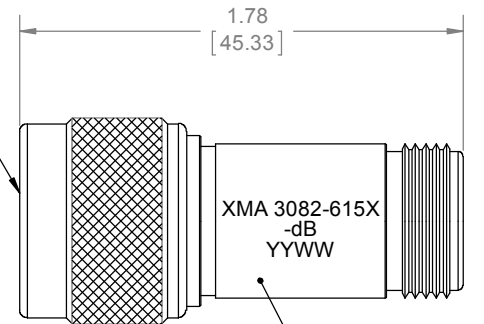
RoHS COMPIANT DEVICE

MARKING

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



2X MATES WITH
TYPE N
IAW MIL-STD-348



PART NUMBER	FREQUENCY
3082-6152-dB	2.5 GHz
3082-6156-dB	6.0 GHz

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	3082-615X-dB	ATTENUATOR, N-m/f, DC-6GHz, 2W	
1	TA-3082-615X-dBU	ASSY, ATTENUATOR, N-m/f, DC-6GHz, 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	11/11/14
CHECKED	DATE
MCCORMICK	11/11/14
ENG. APPR.	DATE
T.KUHN	11/11/14

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

TITLE

ATTENUATOR, N-m/f, DC-6GHz, 2W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	3082-615X-dB	A
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
A	UPDATED FORMAT/SHOW MARKING	14-382	11/11/14	T.KUHN