

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE_____DC - 6GHz, 12.4GHz & 18GHz

AVAILABLE dB VALUES_____3, 6, 10 - 40 dB (IN 10 dB INCREMENTS)

ATTENUATION ACCURACY_____	DC-6GHz	6-12.4GHz	12.4-18GHz
3 & 6 dB_____	±0.75 dB	±0.75 dB	±0.75 dB
10 & 20 dB_____	±0.75 dB	±0.75 dB	±1.00 dB
30 dB_____	±0.75 dB	±1.00 dB	±1.25 dB
40 dB_____	±1.00 dB	±1.25 dB	±1.50 dB

VSWR

DC - 6 GHz_____	1.25:1 MAX
6 - 12.4 GHz_____	1.35:1 MAX
12.4 - 18 GHz_____	1.45:1 MAX

INPUT POWER_____50 WATTS AVG. @ 25°C
DERATED LINEARLY TO 10 WATTS @ 125°CPEAK POWER_____500 WATTS
(5uSec PULSE, .05% DUTY CYCLE)

IMPEDANCE_____50 OHMS

OPERATING TEMP RANGE_____ -65°C TO +125°C

MECHANICAL

CONNECTORS_____PASSIVATED STAINLESS STEEL

CONDUCTORS_____GOLD PLATED BERYLLIUM COPPER

HOUSING_____BLACK ANODIZED ALUMINUM

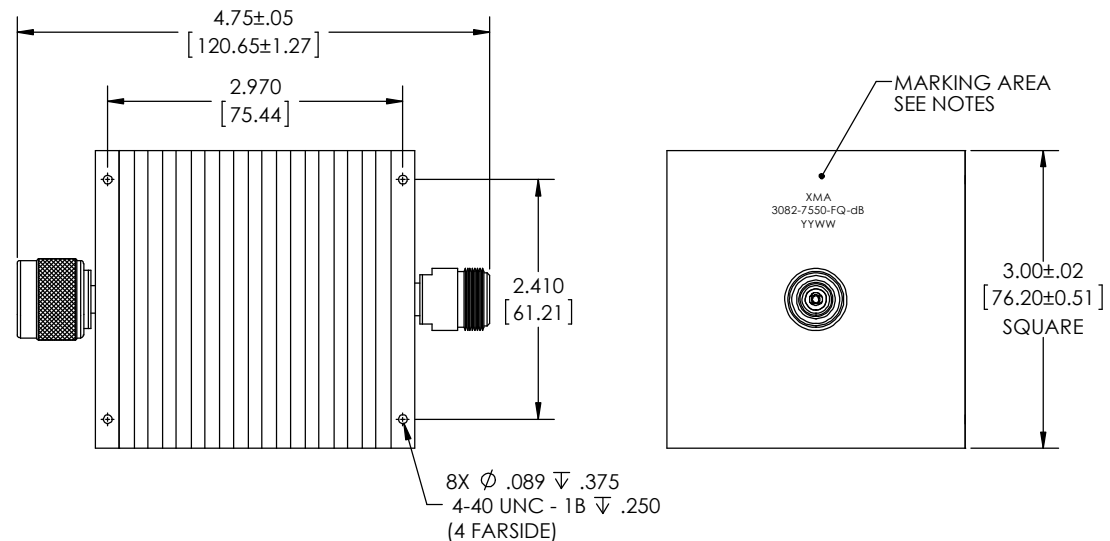
NOTES: UNIT IS UNIDIRECTIONAL, THE INPUT CONNECTOR WILL BE MARKED
ACCORDINGLY. THE OUTPUT PORT HANDLES 5 WATTS MAX POWER.

MARKING

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

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
B1	ADDED 50-100 dB		8/3/09	T.KUHN
C	REMOVED 50-100 dB, NEW FORMAT	15-034	2/13/15	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	3082-7550-FQ-dB	ATTENUATOR, N-m/f, DC-18GHz, 50W	
1	TA-3082-7550-FQ-dBU	ASSEMBLY, ATTENUATOR, N-m/f, DC-18GHz, 50W, 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 T.KUHN	DATE 3/7/07
CHECKED	DATE
ENG. APPR. T.KUHN	DATE 11/7/08

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TITLE

ATTENUATOR, N-m/f, DC-18GHz, 50W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	3082-7550-FQ-dB	C
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	