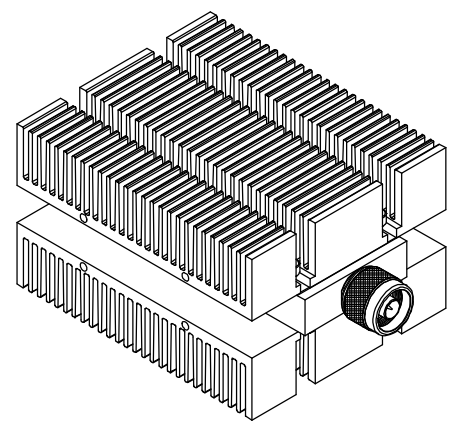
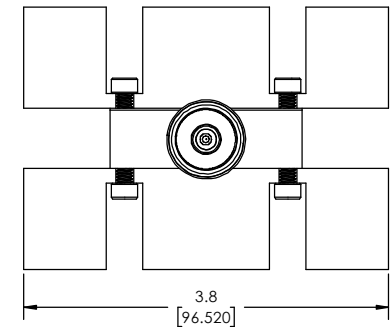
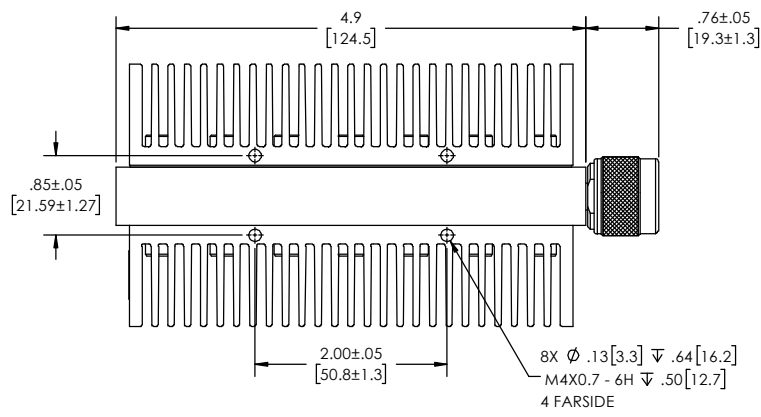
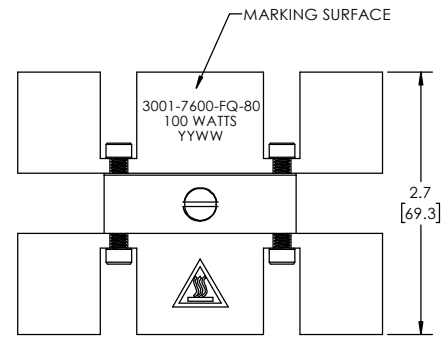


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
B	SEPARATED MALE AND FEMALE DRAWINGS	14-344	10/9/14	T.KUHN
C	REVISED HOUSING FINISH	19-049	4/22/19	T.KUHN



SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE	DC - 8 GHz
VSWR	
DC - 2 GHz	1.20:1 MAX
2 - 4 GHz	1.30:1 MAX
4 - 6 GHz	1.35:1 MAX
6 - 8 GHz	1.40:1 MAX
POWER (AVG)	100 WATTS
DERATES TO 10% @ 125°C AMBIENT FROM 25°C	
POWER (PEAK)	1000 WATTS MAX
@5 μSEC PULSE WIDTH < 0.1% DUTY CYCLE	
WEIGHT	18.8 OZ.
TEMPERATURE	-55°C TO +125°C

MECHANICAL

CONNECTORS COMPLY WITH	MIL-PRF-39012 AND MIL-STD-348
CENTER CONDUCTOR	BERYLLIUM COPPER OR BRASS, SILVER PLATED
COUPLING NUT	STAINLESS STEEL, SILVER PLATED
HOUSING	ALUMINUM ALLOY, CHEMICAL CONVERSION COAT
HEAT SINK	ALUMINUM, BLACK ANODIZE
RESISTIVE ELEMENT	BERYLLIUM COPPER OR ALUMINUM NITRIDE WITH THICK FILM AND/OR THIN FILM RESISTORS

RoHS COMPLIANT

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE. PART MARKING ORIENTATION AND FORMAT AS SHOWN. MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE. REPLACE FQ WITH TWO DIGIT FREQUENCY VALUE FROM TABLE. YYWW EQUALS DATE CODE.

FQ=	FREQUENCY RANGE
02	DC - 2.5 GHz
04	DC - 4GHz
06	DC-6 GHz
08	DC - 8 GHz

<small>DRAWING PRACTICES PER ANSI Y14.5 2018-10-01</small> <small>DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING</small> SURFACE ROUGHNESS 63 FINISH: SEE NOTES MATERIAL: NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION. <small>INTERPRET LAW ANSI Y14.5-1982</small>	<small>UNLESS OTHERWISE SPECIFIED TOLERANCES IN:</small> DECIMALS INCH (MM) .X" .05" [1.27] .XX" .03" [.76] .XXX" .01" [.25] ANGLES ±10°30' REMOVE ALL BURRS/SHARP W/BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.F. DO NOT SCALE PRINT	DRAWN MCCORMICK DATE 10/8/14 CHECKED MCCORMICK DATE 10/8/14 ENG APPR. T.KUHN DATE 10/8/14 <small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR USED IN WHOLE OR IN PART AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.</small>
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QTY.	PART NO.	DESCRIPTION	ITEM NO
X	3001-7600-FQ-dB	TERMINATION, N-m, DC-8GHz, 100W	
1	TA-3001-7600-FQ-dBU	TERMINATION, N-m, DC-8GHz, 100W UNMARKED	1

Phone: 603-222-2256 Fax: 603-222-2259
150 Dow Street, Manchester, NH 03103

TITLE: **TERMINATION, N-m, DC-8GHz, 100W**

SIZE	CAGE CODE	DRAWING NUMBER	REV
C	3HT76	3001-7600-FQ-dB	C

SCALE: PLATED AREA 50 IN SHEET 1 OF 1