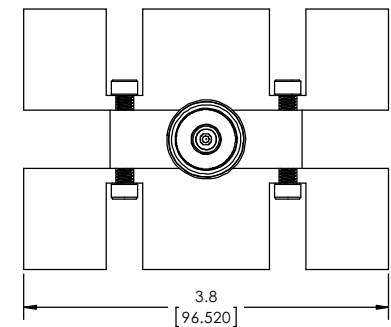
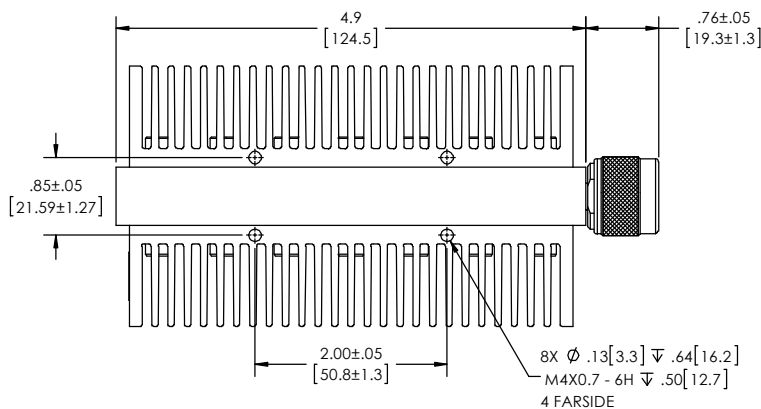
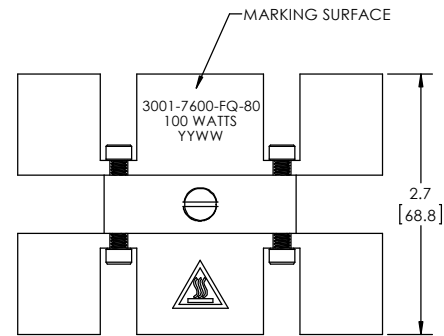


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
B	SEPARATED MALE AND FEMALE DRAWINGS	14-344	10/9/14	T.KUHN



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

HOUSING & COUPLING NUTS _____ STAINLESS STEEL, SILVER PLATED

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.

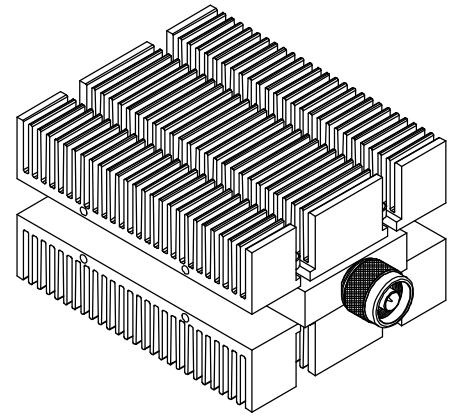
PART MARKING ORIENTATION AND FORMAT AS SHOWN.

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



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

DRAWING PRACTICES PER ANSI Y-14.5 91-STD-100 & 1000		UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH (MM)	
SURFACE FINISH: 63		X" .05" [1.27]	
		.XX" .03" [.76]	
		.XXX" .010" [.25]	
FINISH: SEE NOTES		ANGLES ±0°30'	
MATERIAL: 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.F.	
INTERPRET IAW ANSI Y14.5-1982		DO NOT SCALE PRINT	

DRAWN	DATE
McCORMICK	10/8/14
CHECKED	DATE
McCORMICK	10/8/14
ENG APPR.	DATE
T.KUHN	10/8/14
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		Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101	
TITLE			
TERMINATION, N-m, DC-8GHz, 100W			
SIZE	CAGE CODE	DRAWING NUMBER	REV
C	3HT76	3001-7600-FQ-dB	B
SCALE	PLATED AREA SQ. IN	SHEET 1 of 1	