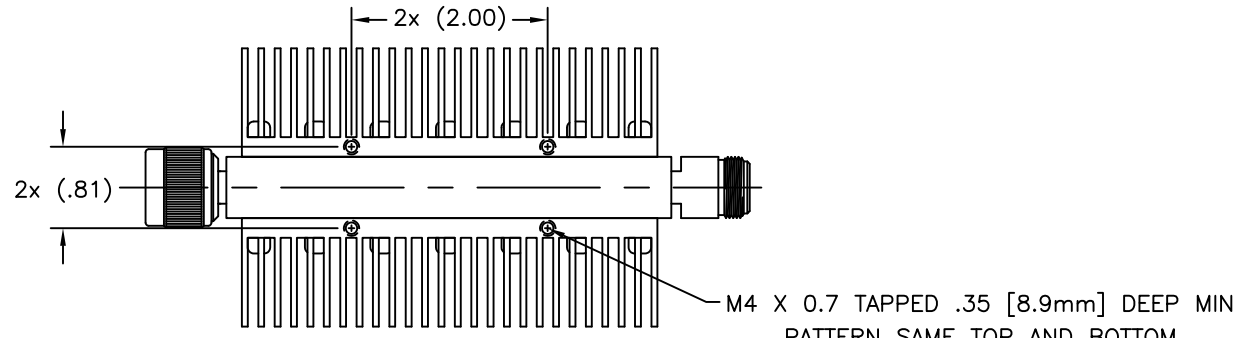
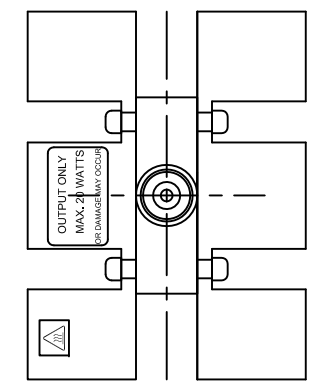
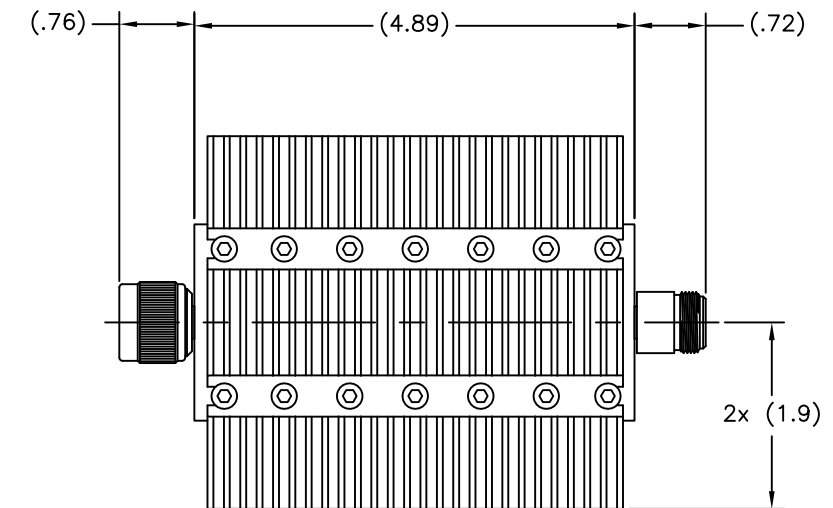
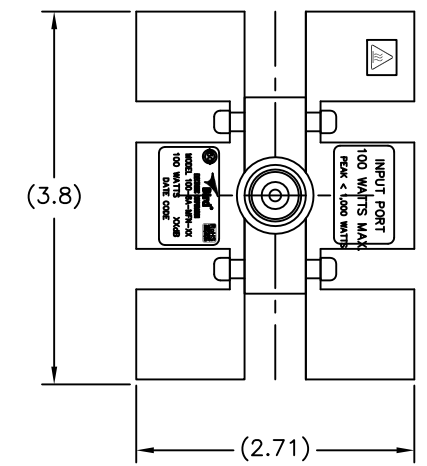


SPECIFICATIONS:
 IMPEDANCE: 50 OHMS NOMINAL
 POWER RATING: 100 WATTS CW AT 25°C (UNI-DIRECTIONAL)
 - DERATED LINEARLY TO 10 WATTS AT 125°C
 PEAK POWER: 1000 WATTS
 <5µS PW, /<0.1% DUTY CYCLE
 FREQUENCY RANGE: DC TO 6GHz
 VSWR: DC TO 2GHz: 1.20:1 MAX
 2GHz TO 4GHz: 1.35:1 MAX
 4GHz TO 6GHz: 1.40:1 MAX
 ATTENUATION VALUES/ACCURACY: SEE TABLE
 OPERATING POSITION: HEAT SINK ORIENTED VERTICALLY
 TEMPERATURE RANGE: -55°C TO +125°C
 CONNECTORS: N-TYPE MALE/FEMALE (PSS) WITH SILVER PLATING
 CONNECTOR CONTACT: BERYLLIUM COPPER, SILVER PLATED
 HEAT SINK: ALUMINUM, BLACK ANODIZED
 CASE: COPPER ALLOY, SILVER OR CHROMATE FINISH
 NOMINAL SIZE: APPROX. 6.38" L X 2.70" W X 3.80" H
 WEIGHT: APPROX. 2.40 LBS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED TO PRODUCTION	3-6-09	
B	UPDATE SPECS, LABELING, ETC ECO: 14602 /DMD	11-4-11	DMD
C	UPDATE OUTPUT LABEL TO 20W ECO: 15999.NA	3-16-17	NA
D	UPDATE DRAWING ECO: 16413/NA	5-22-18	na



NOTE:
 FOR VALUES NOT LISTED, REFER TO THE NEXT HIGHER ATTENUATION LEVEL FOR SPECIFICATIONS.
 FOR ATTENUATION VALUES GREATER THAN THE HIGHEST LISTED ATTENUATION VALUE, REFER TO THE VALUE 1/2 THE DESIRED ATTENUATION LEVEL, THEN DOUBLE THE LISTED SPECIFICATION VALUES, UNLESS OTHERWISE SPECIFIED.

DIMENSIONS HEREON ARE FOR CUSTOMER CONVENIENCE AND REFERENCE ONLY. TOLERANCE TO BE APPLIED ONLY WHERE INDIVIDUALLY STATED ON THE RESPECTIVE DIMENSION. -DO NOT SCALE DRAWING-

XX = DASH NUMBER (dB VALUE)

DASH NO.	dB ATTEN. VALUE	DC - 2GHz	2 - 4GHz	4 - 6GHz
-40	40	±0.75 dB	±1.25 dB	±1.50 dB
-30	30	±0.75 dB	±1.00 dB	±1.50 dB
-20	20	±0.75 dB	±0.75 dB	±1.25 dB
-10	10	±0.75 dB	±0.75 dB	±1.25 dB
-06	6	±0.50 dB	±0.75 dB	+0.75/-1.00 dB
-03	3	±0.50 dB	±0.75 dB	±0.75 dB
ATTENUATION ACCURACY ±dB				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS ±1/64 DECIMALS .XX= ±.010
 .XXX= ±.005
 ANGLES ±30' MILLIMETERS .X= ±.4
 .XX= ±.12
 DO NOT SCALE DRAWING

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APPROVALS		DATE
DRN	DMD	3-6-09
CHK		
APP		

MATERIAL	CODE

FINISH	CODE

Bird

TITLE ATTENUATOR, CONVECTION COOLED, N-TYPE MALE/FEMALE, DC TO 6GHz, 100W

B	FSCM NO. 70998	SCALE 1:1	DWG. NO. 100-6A-MFN-XX	REV D
PROJ./LIB	AUTOCAD	COMM CODE AT1	SHEET 1 OF 1	