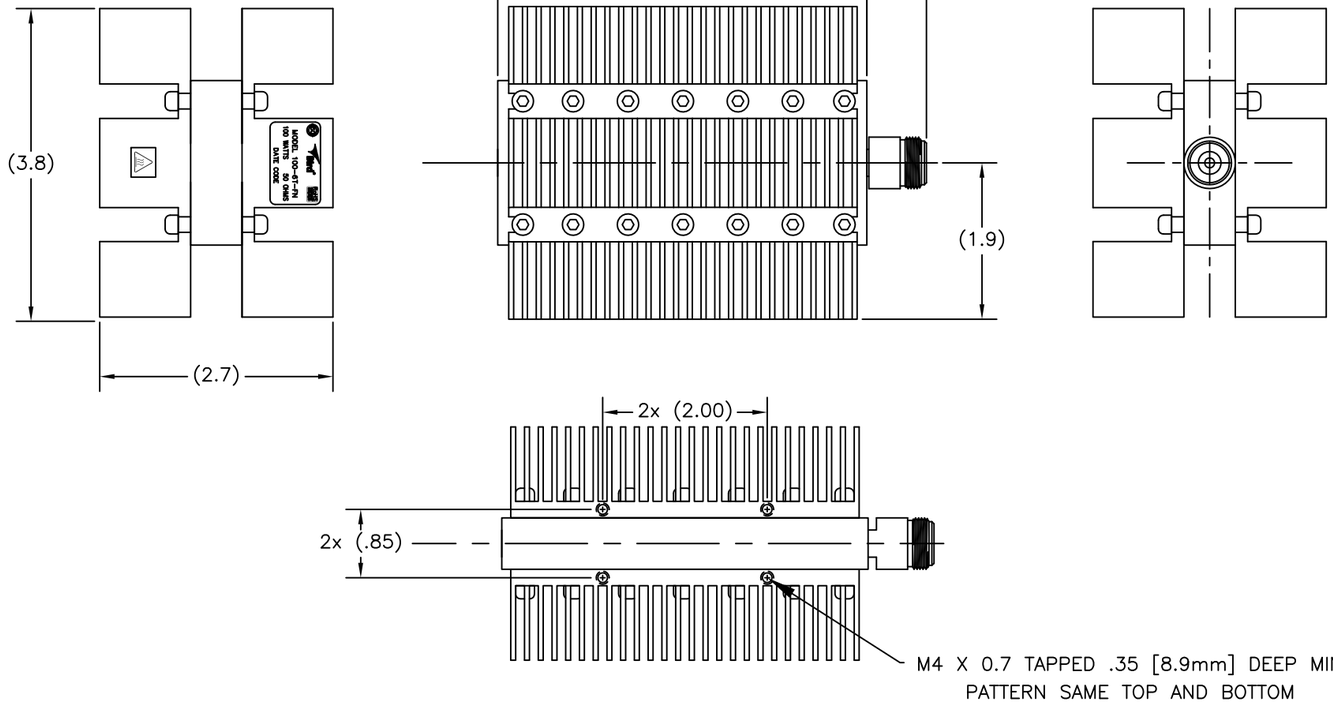
SPECIFICATIONS:
IMPEDANCE: 50 OHMS NOMINAL
POWER RATING: 100 WATTS CW AT 25°C
– DERATED LINEARLY TO 10 WATTS AT 125°C
PEAK POWER: 1000 WATTS
<5uS PW, /<0.1% DUTY CYCLE
FREQUENCY RANGE: DC TO 6GHz
VSWR: DC TO 2GHz: 1.20:1 MAX
2GHz TO 4GHz: 1.30:1 MAX
4GHz TO 6GHz: 1.40:1 MAX
OPERATING POSITION: HEAT SINK ORIENTED VERTICALLY
OPERATING TEMPERATURE RANGE: –55°C TO +125°C
CONNECTOR: N–TYPE FEMALE (PSS), SILVER PLATED
HEAT SINK: ALUMINUM, BLACK ANODIZED
NOMINAL SIZE: APPROX. 5.63" L X 3.8" W X 2.7" H
WEIGHT: APPROX. 2.20 LBS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED TO PRODUCTION	3-6-09	
B	UPDATE DRAWING ECO: 16413/NA	5-22-18	mm



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–**

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: TERMINATION, CONVECTION COOLED, N–TYPE FEMALE, DC TO 6GHz, 100W

B	FSCM NO. 70998	SCALE 1:1	DWG. NO. 100-6T-FN	REV B

PROJ./LIB AUTOCAD | COMM CODE AT1 | SHEET 1 OF 1