

**SPECIFICATIONS:** 

NOMINAL IMPEDANCE: 50 OHMS FREQUENCY RANGE: DC TO 18GHz

AVERAGE POWER RATING: 5 WATTS AT 25°C. (DERATED LINEARLY TO 1 WATT AT +125°C)

PEAK POWER: 250 WATTS MAX.

(5uSec PULSE, 0.25% DUTY CYCLE)

VSWR: SEE TABLE

OPERATING TEMPERATURE: -65°C TO +125°C.

CONNECTOR: N-TYPE MALE

MATERIALS:

COUPLING NUT: PASSIVATED STAINLESS STEEL

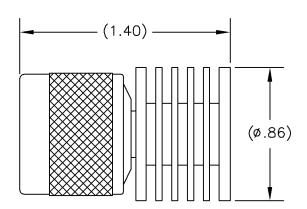
BODY: PASSIVATED STAINLESS STEEL

COOLING FIN: BLACK ANODIZED ALUMINUM

CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL

RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)

REVISIONS		DWG. NO. 5-18T-MN		SHEET 1	REV C
REV	DESCRIPTION	DATE	APPROVED		
Α	RELEASED TO PRODUC	3-7-06	DMD		
В	DUTY CYCLE WAS 0.05	% ECN12712	3-14-06	DM	1D
С	VSWR CORRECTION/EC	0 12735 dmr	5-2-06	Sm	Š DMD



PARAMETER	SPECIFICATION			
VSWR				
DC - 4GHz	1.15:1 MAX.			
4GHz — 12.4GHz	1.25:1 MAX.			
12.4GHz — 18GHz	1.35:1 MAX.			

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	APPROVALS		
TOLERANCES ARE:	DRN DMD	1	
FRACTIONS $\pm 1/64$ DECIMALS .XX= $\pm .010$ .XXX= $\pm .005$ ANGLES $\pm .30$ MILLIMETERS .X= $\pm .4$	CHK DMD		
$ \begin{array}{c} \text{NNLLIMETERS} : \text{$\lambda = \pm .12$} \\ \text{$\lambda = \pm .12$} \\ \text{DO NOT SCALE DRAWING} \end{array} $	APP DMD	7 )	
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DEVICES WITHOUT THEIR EXPRESS WRITTEN CONSENT.

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	TITLE TERMINATION, BROADBAND PRECISION, N-TYPE MALE, 5W								
	Δ	FSCM NO. 70998	SCALE 1:1	DWG. NO.	-18T	-MN			REV C
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	PROJ./LIB AUTOCAD SHEET 1 OF					OF	1		



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