

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

AVERAGE POWER RATING: 10 WATTS AT 25°C. (DERATED LINEARLY TO 1 WATT AT +125°C)

PEAK POWER: 500 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

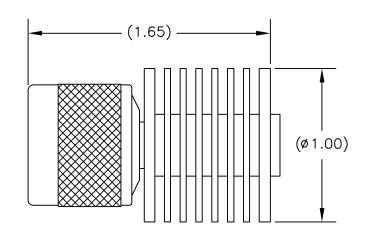
BODY: PASSIVATED STAINLESS STEEL

COOLING FIN: BLACK ANODIZED ALUMINUM

CONTACTS: BERYLLIUM COPPER, GOLD PLATED OVER NICKEL

RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)

REVISIONS DWG. NO. 10-18		DWG. NO. 10-18T	-MN	SHEET 1	REV C
REV	DESCRIPTION	DESCRIPTION		APPROVED	
Α	RELEASED TO PRODUCTION		3-7-06	DMD	
В	DUTY CYCLE WAS 0.05	% ECN12712	3-14-06	DM	D
С	VSWR CORRECTION/EC	0 12735 dmr	5-2-06	2nd	2DMD



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-

FRACTIONS $\pm 1/64$ DECIMALS .XX= $\pm .010$	
.XXX= ±.005	CHK
ANGLES $\pm 30^{\circ}$ MILLIMETERS $.X = \pm .4$	
.XX= ±.12	APP
DO NOT SCALE DRAWING	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			APPROVALS		DATE
TOLERANCES ARE: FRACTIONS ± 1/64 DECIMALS .XX= ± .010		DRN	DMD		3-7-06
ANGLES ± 30'	$.XXX = \pm .005$ MILLIMETERS $.X = \pm .4$	CHK	DMD		3-7-06
		APP	DMD		3-7-06
	IE PROPERTY OF THE BIRD OR BIRD ELECTRONIC CORP-	MATER	IAL	CODE	

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