

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

AVERAGE POWER RATING: 2 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:

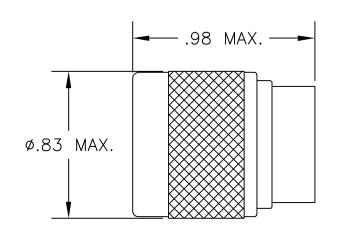
COUPLING NUT: PASSIVATED STAINLESS STEEL

BODY: PASSIVATED STAINLESS STEEL

CONTACTS: BERYLLIUM COPPER. GOLD PLATED OVER NICKEL

RESISTIVE ELEMENT: THIN FILM ALUMINA (NO BeO)

REVISIONS		DWG. NO. 2-18T-MN		SHEET	REV
				1	В
REV	DESCRIPTION		DATE	APPROVED	
Α	RELEASED TO PRODUC	TION	3-7-06		
В	DUTY CYCLE WAS 0.05	% ECO12712	3-14-06	Jan &	SDMD



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PARAMETER	SPECIFICATION			
VSWR				
DC - 12.4GHz	1.20:1 MAX.			
12.4GHz — 18GHz	1.25:1 MAX.			

NOTES:

FRACTIONS ±1/64	DECIMALS $.XX = \pm .010$		
	.XXX= ±.005	CHK	
ANGLES ±30'	MILLIMETERS $X = \pm .4$		
	.XX= ±.12	APP	
DO NOT SCALE DRAWING			
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DEVICES WITHOUT THEIR	FYPRESS WRITTEN CONSENT		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS .XX= ±.010		APPROVALS		DATE		
		DRN	DMD		3-7-06	
ANGLES ±30'	$.XXX = \pm .005$ MILLIMETERS $.X = \pm .4$	CHK	DMD		3-3-06	
DO NOT SCA	.XX= ±.12	APP	DMD		3-3-06	
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