SPECIFICATIONS:

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:

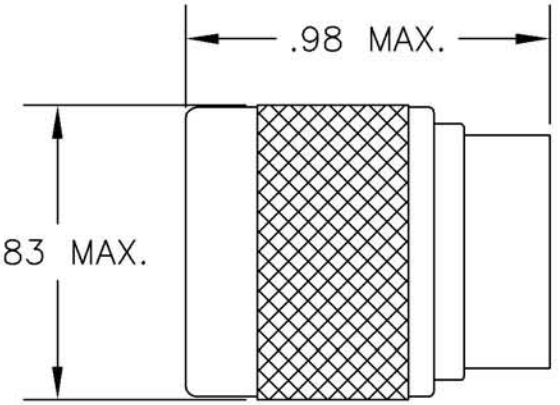
COUPLING NUT: PASSIVATED STAINLESS STEEL

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 1	REV B
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO PRODUCTION	3−7−06		
B	DUTY CYCLE WAS 0.05% ECO12712	3−14−06	DMD	



PARAMETER	SPECIFICATION
VSWR	
DC − 12.4GHz	1.20:1 MAX.
12.4GHz − 18GHz	1.25:1 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−**

NOTES:

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	3−7−06
CHK	DMD	3−3−06
APP	DMD	3−3−06

MATERIAL CODE

FINISH CODE

BIRD® TECHNOLOGIES GROUP ELECTRONIC CORPORATION

TITLE: TERMINATION, BROADBAND PRECISION N−TYPE MALE, 2W

A	FSCM NO. 70998	SCALE 1:1	DWG. NO. 2−18T−MN	REV B
PROJ./LIB AUTOCAD			COMM CODE LD1	SHEET 1 OF 1