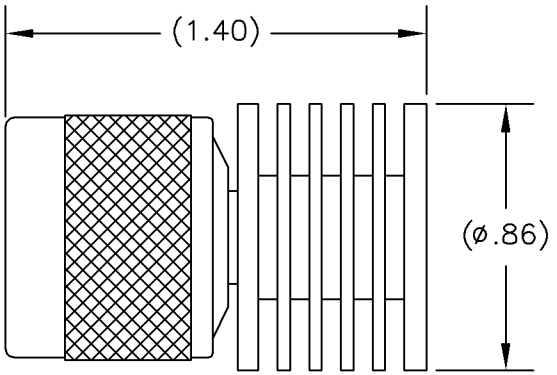
REVISIONS		DWG. NO. 5-18T-MN	SHEET 1	REV C
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO PRODUCTION	3-7-06	DMD	
B	DUTY CYCLE WAS 0.05% ECN12712	3-14-06	DMD	
C	VSWR CORRECTION/ECO 12735 dmr	5-2-06	DMD	

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)



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
TOLERANCES ARE:
FRACTIONS ±1/64 DECIMALS .XX= ±.010 .XXX= ±.005
ANGLES ±30' MILLIMETERS .X= ±.4 .XX= ±.12
DO NOT SCALE DRAWING

APPROVALS		DATE
DRN	DMD	3-7-06
CHK	DMD	3-7-06
APP	DMD	3-7-06

MATERIAL CODE

FINISH CODE

BIRD TECHNOLOGIES GROUP ELECTRONIC CORPORATION

TITLE: TERMINATION, BROADBAND PRECISION, N-TYPE MALE, 5W

A	FSCM NO. 70998	SCALE 1:1	DWG. NO. 5-18T-MN	REV C

PROJ./LIB AUTOCAD

SHEET 1 OF 1