

# SPECIFICATIONS

## ELECTRICAL:

FREQUENCY: 0-18 GHZ

VSWR 1.20 MAX TO 8 GHZ

1.25 MAX TO 12 GHZ

1.35 MAX TO 18 GHZ

POWER (AVG) 100 WATTS @ 25° C

POWER (PEAK) 1000 WATTS

(5 μSEC PULSE WIDTH; 2.5% DUTY CYCLE)

DERATED LINEARLY TO 10 WATTS @ 125° C

IMPEDANCE: 50 OHMS

ATTENUATION ACCURACY: 10DB +/- .75db;

20db +/- 1.0db; 30, 40db +/- 1.2 db

BIDIRECTIONAL: 1-6 DB

UNIDIRECTIONAL: 10-40 DB

## MECHANICAL:

MATERIAL CONNECTORS: PASSIVATED STAINLESS STEEL

MATERIAL RING & CONTACTS: BeCu

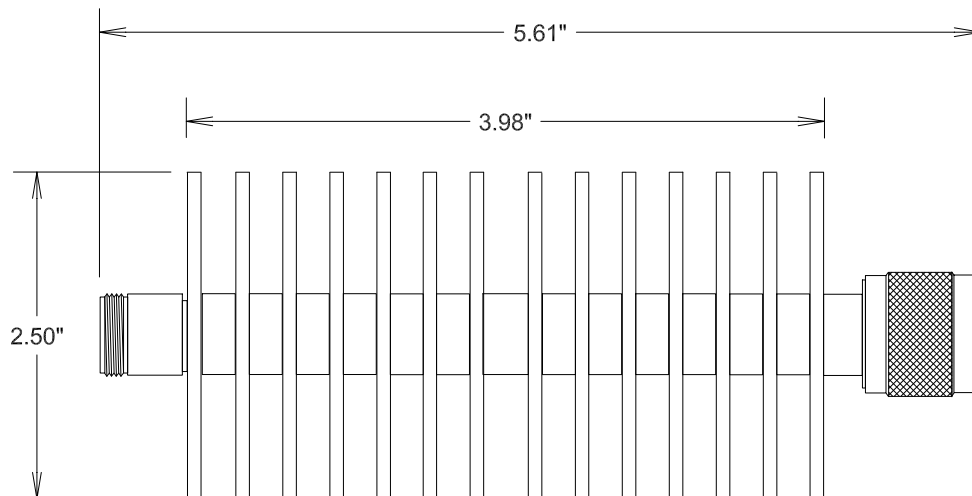
CENTER CONTACT: GOLD PLATED PER MIL-G-45204

INTERFACE: MIL-STD-348B

INSULATOR: TEFLON

TEMP: -55°C TO +125°C

ROHS COMPLIANT



MALE IS INPUT BY DEFAULT  
FEMALE INPUT P/N: SA18N100-XXFM

**FAIRVIEW MICROWAVE INC.**

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TITLE

**ATTENUATORS N M/F 18GHZ 100W**

SIZE <b>A</b>	CAGE CODE 3FKR5	DWG NO SA18N100W-XX	REV A
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SCALE

SHEET