

REVISIONS		
REV	DESCRIPTION	DATE APPROVED

SPECIFICATIONS:

FREQUENCY RANGE: DC-40 GHZ

NOMINAL IMPEDANCE: 50 OHMS

NOMINAL ATTENUATION VALUES: (20, 30, 40)dB

POWER SENSITIVITY: < 0.005 dB/dB/W;
UNIDIRECTIONAL IN POWER.

POWER RATE: 50 WATTS AVERAGE TO 25°C
AMBIENT TEMPERATURE, DERATED LINEARLY TO
0 WATTS @ 100°C. 200 WATTS PEAK(5 MICRO
PULSE WIDTH; 10.0% DUTY CYCLE)

OPERATING TEMPERATURE RANGE: -55°C TO 100°C

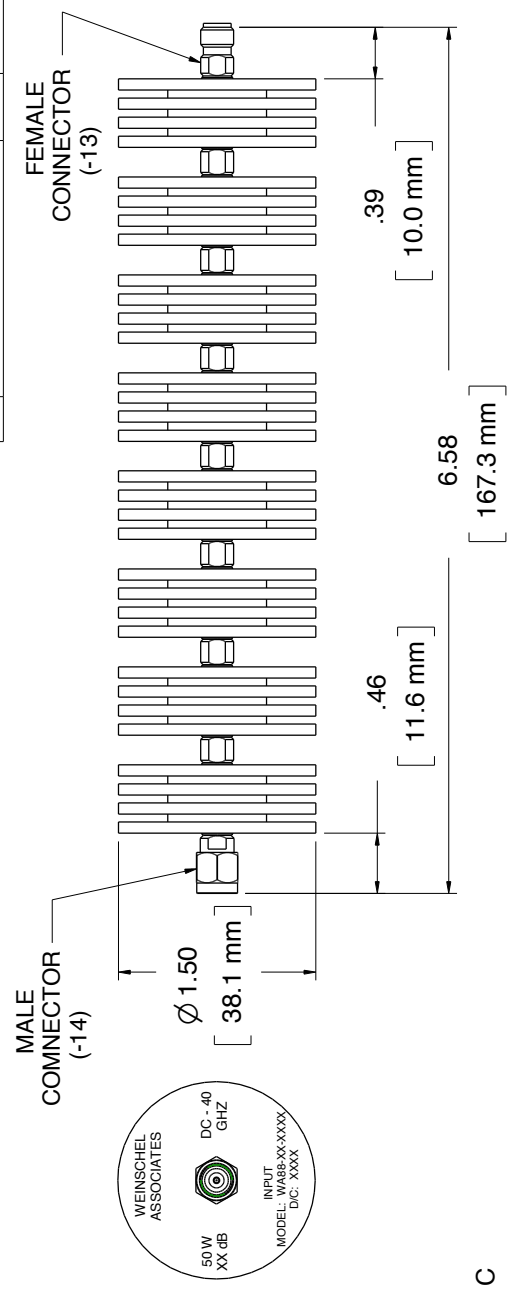
TEMPERATURE COEFFICIENT: < 0.0004 dB/dB/°C

STANDARD NOMINAL VALUES AND DEVIATIONS:

ATTENUATION (dB)	DC -18.0 GHZ	ACCURACY± dB	18.0 - 40.0 GHZ
20, 30, 40	+/- 2.5		+/- 3.50

MAXIMUM VSWR:

FREQUENCY (GHZ)	VSWR
DC - 18.0	1.30
18.0- 40.0	1.60



CONNECTORS: 2.92MM (MALE/FEMALE) CONNECTORS-MATE NONDESTRUCTIVELY WITH SMA PER PRF-39012, 3.5MM AND OTHER 2.92MM CONNECTORS.

CONSTRUCTION: BLACK FINNED ALUMINUM ALLOY BODY, STAINLESS STEEL CONNECTORS, GOLD PLATED BERYLLIUM COPPER CONTACTS.

WEIGHT: 0.26 kg / 0.58 lb

NOTE: DIMENSIONS ARE GIVEN IN INCHES [MM] AND ARE NOMINAL , UNLESS OTHERWISE SPECIFIED.

APPLICATION	DATE	COMPANY
USED ON WA88	LMT CHECKED	WEINSCHTEL ASSOCIATES 19212 ORBIT DRIVE GAITHERSBURG, MD 20879
DIMENSIONS IN INCHES 3 PLCS +/- .003 2 PLCS +/- .01 FRACTIONS +/- 1/64 ANGLES +/- 1/2 DEG UNLESS OTHERWISE SPECIFIED	4/30/15	TITLE OUTLINE DRAWING WA88 ATTENUATOR 50W
MAT'L: N/A	APPROVED DMH	SIZE FSCM NO. DWG NO. B 0H3E9 205173
FINISH: N/A	6/3/15	SCALE 1:1 SKETCH DWG NO. SHEET 1 OF 1