

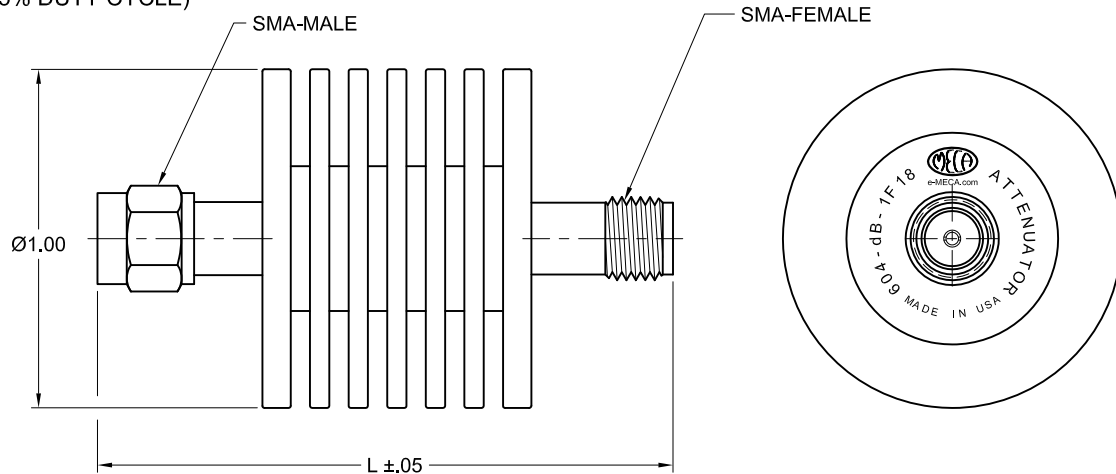
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	Hz - 18.0	
IMPEDANCE (NOMINAL):	50 Ohms	
VSWR :		
Hz - 6.0 GHz:	1.15:1 TYP/1.20:1 MAX	
6.0 - 12.4 GHz:	1.30:1 TYP/1.35:1 MAX	
12.4 - 18.0 GHz:	1.40:1 TYP/1.45:1 MAX	
ATTENUATION:	<u>Hz-6.0 GHz</u>	<u>6.0-18.0 GHz</u>
3, 6 dB:	± 0.3 dB	± 0.6 dB
10, 20 dB:	± 0.6 dB	± 0.8 dB
30 dB:	± 0.7 dB	± 1.2 dB
40 dB:	± 0.75 dB	± 2.0 dB
INPUT POWER (AVG):	10 WATTS @ +25°C	
	DERATED LINEARLY TO	
	6.25 WATTS @ +85°C	
POWER (PEAK):	500 WATTS	
	(5 μSEC PULSE, 0.05% DUTY CYCLE)	


ATTENUATION VALUE (dB)	"L"
3, 6, 10 & 20	1.70
30 & 40	1.95

MECHANICAL SPECIFICATIONS

CONNECTORS:	TYPE-SMA, STAINLESS STEEL, PASSIVATE
CONTACT PINS:	BERYLLIUM COPPER, GOLD PLATE
CONNECTORS INTERFACE TORQUE:	8 ± 1.0 in.lbs.
HOUSING:	ALUMINUM, BLACK ANODIZE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
OPERATING TEMPERATURE	-55°C TO +85°C
WEIGHT (NOMINAL):	0.9 oz



NOTE: To specify Part Number, insert nominal attenuation value in place of dB, i.e., 604-06-1F18 for 6 dB.

F	SEE DCN #140630-2	07/01/14	NL	RR	MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	 ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com
E	SEE DCN #110624	06/29/11	NL	RR	FINISH: SEE ABOVE	TOLERANCES 2 PLACES: ±.02 3 PLACES: N/A ANGLES: N/A	
D	SEE DCN #100727-2	07/30/10	RP	RR	DRAWN: NL	DATE: 12/03/07	TITLE ATTENUATOR, 10 WATTS TYPE - SMA
C	SEE DCN #100622-2	06/23/10	DB	RR	APPROVED: RR	DATE: 12/03/07	SCALE: NTS
B	SEE DCN #080808-3	08/18/08	AC	RR			SIZE A
A	NEW	12/03/07	NL	RR			CAGE CODE NO. 22424
LTR	PG	DESCRIPTION	DATE	DR	APP		DRAWING NO. 604-dB-1F18
							REV F