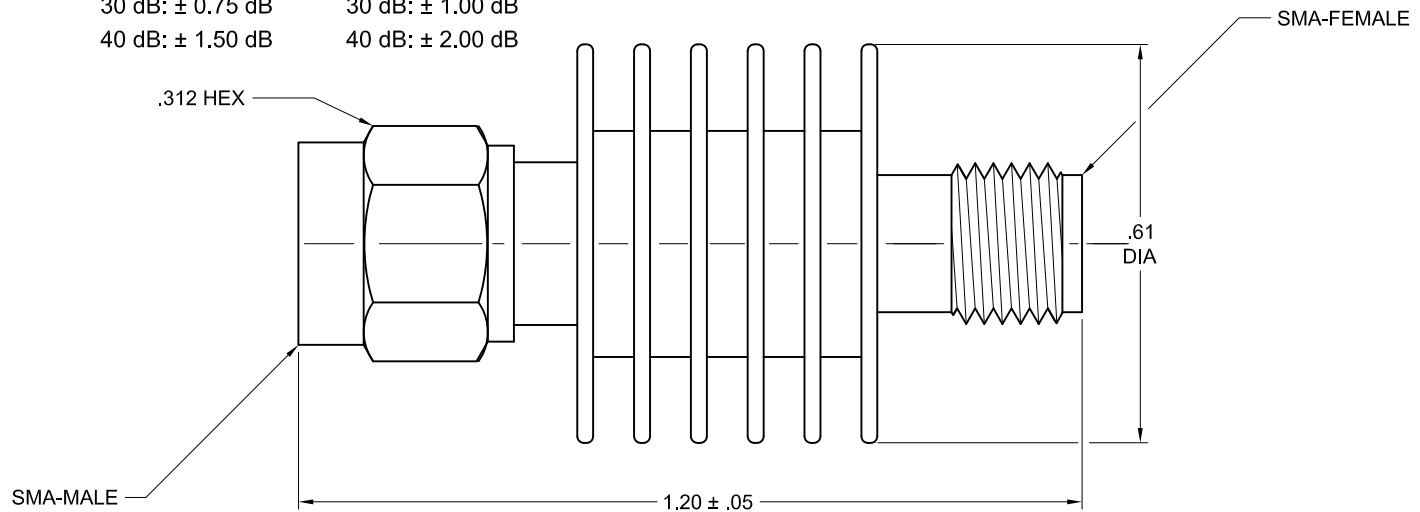


ELECTRICAL SPECIFICATIONS

FREQUENCY:	Hz - 18 GHz
VSWR (MAX):	Hz - 4.0 GHz : 1.15:1 4.0 -6.0 GHz : 1.20:1 6.0 -8.0 GHz : 1.25:1 8.0 -12.4 GHz : 1.30:1 12.4 -18.0 GHz : 1.40:1
IMPEDANCE (NOM):	50 OHMS
INPUT POWER (AVG):	5 WATTS @ +25°C DERATES LINEARLY TO 2.5 WATTS @ +85°C
POWER (PEAK):	125 WATTS (5 μSEC PULSE, 0.05% DUTY CYCLE)
ATTENUATION ACCURACY:	<u>Hz - 6.0 GHz</u> <u>6.0 - 18.0 GHz</u> 3, 6 dB: ± 0.30 dB 3, 6 dB: ± 0.50 dB 10, 20 dB: ± 0.50 dB 10, 20 dB: ± 0.75 dB 30 dB: ± 0.75 dB 30 dB: ± 1.00 dB 40 dB: ± 1.50 dB 40 dB: ± 2.00 dB

MECHANICAL SPECIFICATIONS

CONNECTORS:	STAINLESS STEEL, PASSIVATE
PIN, FEMALE:	BERYLLIUM COPPER, GOLD PLATE
PIN, MALE:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, BLACK ANODIZE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
TEMPERATURE:	-55°C TO +85°C
WEIGHT:	0.3 oz



NOTE: To specify Part Number, insert nominal attenuation value in place of dB, i.e., 602-10-1F18 for 10 dB.

					MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com				
E		SEE DCN #100727-2	07/30/10	RP	RR	FINISH: SEE ABOVE	TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A		TITLE ATTENUATORS, COAXIAL, FIXED, 50 OHMS, 5 WATTS, SMA-MALE/FEMALE				
D		SEE DCN #100622-2	06/23/10	DB	RR	DRAWN: AAV	DATE: 10/09/06	TIR: N/A	CODE IDENT. NO. 22424		DRAWING NO. 602-dB-1F18		REV E
C		SEE DCN # 080808-3	08/18/08	AC	RR	APPROVED: RR	DATE: 10/09/06	SCALE: NTS					
B		SEE DCN #071119-3	11/21/07	GQ	RR			SHEET: 1 OF 1					
A		NEW	10/09/06	AAV	RR								
LTR	PG	DESCRIPTION	DATE	DR	APP								