

VARIABLE ATTENUATOR 0-31DB 1DB STEPS SMA-F/F

SA3101SMA SPECIFICATIONS

ELECTRICAL:

FREQUENCY: DC-2.7 GHz
 ATTENUATION 0-31 dB
 STEP VALUE 1dB
 INSERTION LOSS AT 0dB: 0.6dB @ 2GHz
 1dB @ 2.7GHz

IMPEDANCE: 50 Ohm
 AVERAGE POWER: 2 WATT
 OPERATING TEMPERATURE: -40°C to +85°C

ATTENUATION ACCURACY:
 0.3dB @ 1GHz TYPICAL
 0.5dB @ 1GHz MAX

0.7dB @ 2GHz TYPICAL
 1.1dB @ 2GHz MAX

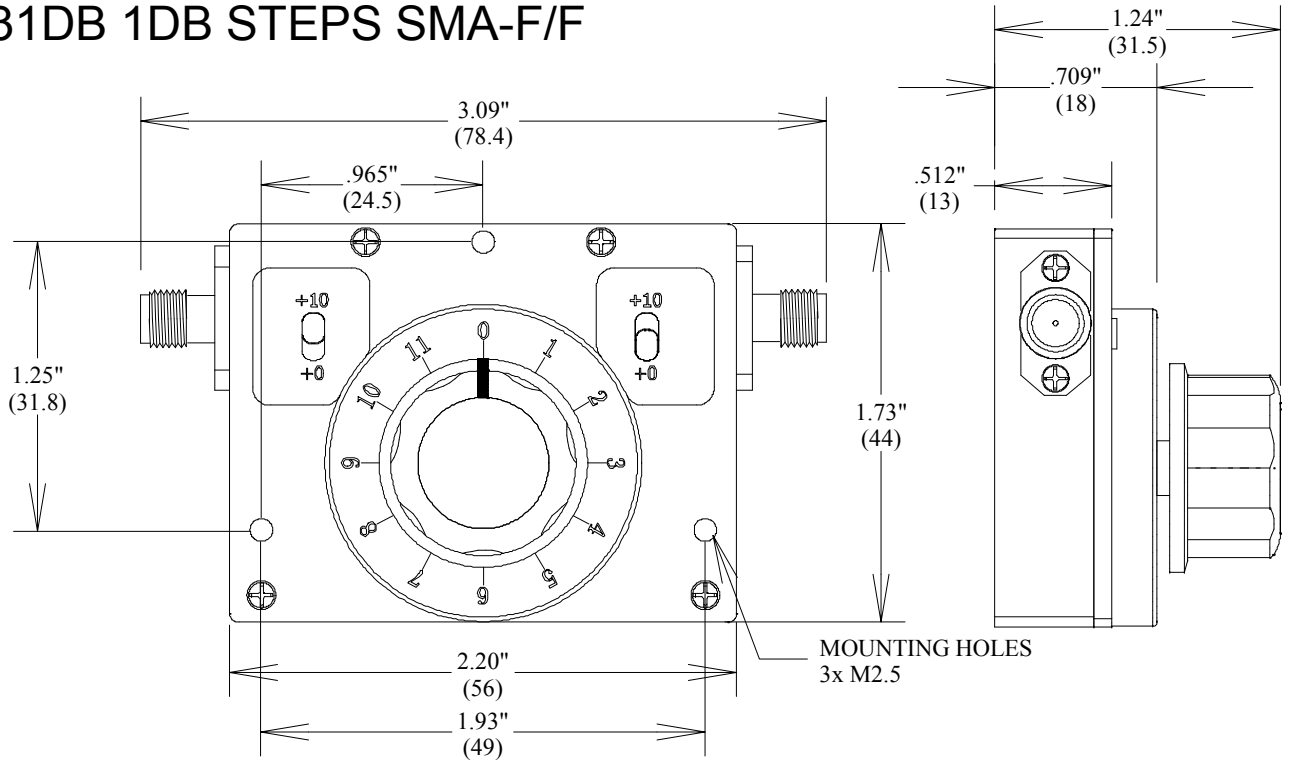
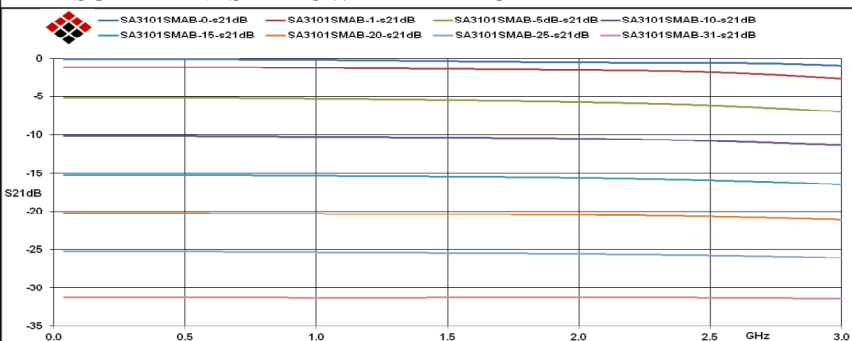
1.3dB @ 2.7GHz TYPICAL
 1.7dB @ 2.7GHz MAX

MATERIALS

BODY: NICKEL PLATED ALUMINUM
 SMA CONNECTOR: BRASS

ROHS COMPLIANT

MEASUREMENTS BELOW ARE TYPICAL



FREQ. RANGE (GHz)	VSWR(:1)	
	TYPICAL	MAX
DC to 2	1.15	1.35
2 to 2.5	1.25	1.45
2.5 to 2.7	1.45	1.60

FREQ. RANGE (GHz)	VSWR(:1)	
	TYPICAL	MAX
12-31dB	1.10	1.35
DC to 2.7	1.10	1.35

ALL DIMENSIONS IN inches(mm) Typical

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TITLE

**VARIABLE ATTENUATOR 0-31DB
 1DB STEPS SMA-F/F**

SIZE	CAGE CODE	DWG NO	REV
A	3FKR5	SA3101SMA	--
SCALE		SHEET	