

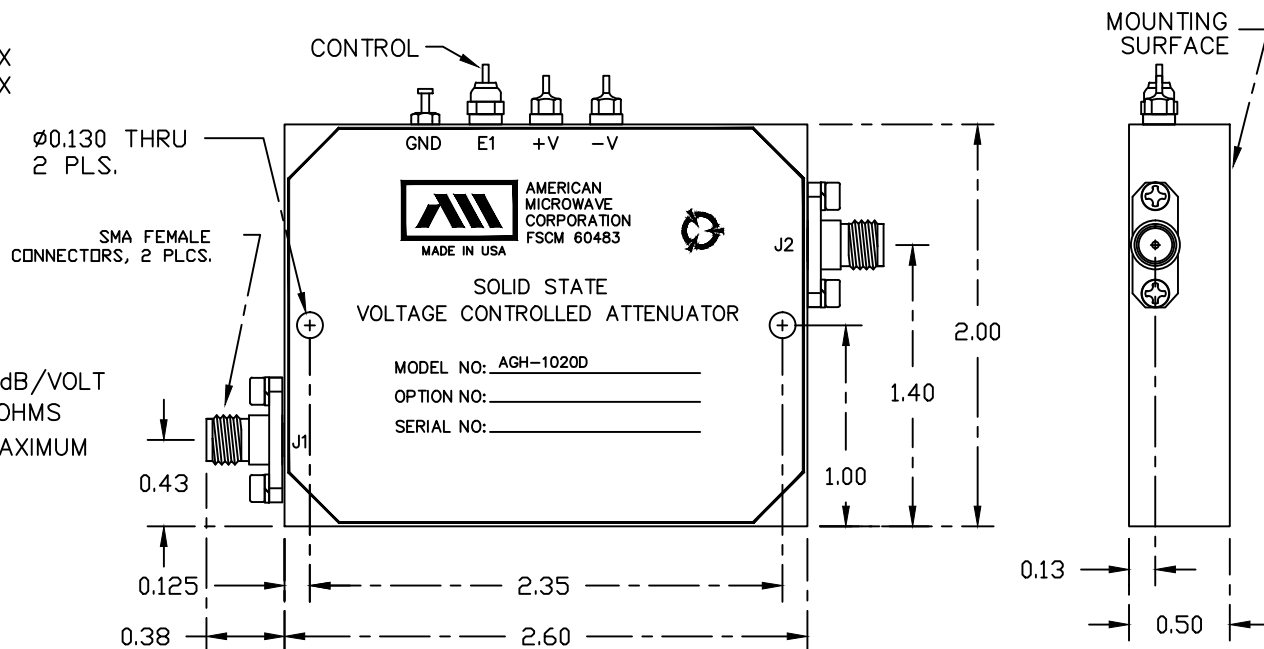
SPECIFICATIONS:

- FREQUENCY RANGE: 1.0 – 2.0 GHz
- INSERTION LOSS: 1.8 dB MAXIMUM
- ATTENUATION FLATNESS: @ 10 dB: ± 0.45 dB MAX
 @ 20 dB: ± 0.8 dB MAX
 @ 40 dB: ± 1.5 dB MAX
 @ 60 dB: ± 1.6 dB MAX
- ATTENUATION ACCURACY: 0-30 dB ± 0.5 dB MAX
 >30-50 dB ± 1.0 dB MAX
 >50-60 dB ± 1.5 dB MAX
- MONOTICITY: GARANTEED
- TEMPERATURE COEFFICIENT: ±0.025 dB/°C, MAXIMUM
- RISE TIME: 1.5 uSec MAXIMUM
- FALL TIME: 50 nSec MAXIMUM
- VSWR: 1.5:1 MAXIMUM
- POWER RATINGS:
 OPERATING: +20 dBm
- CONTROL: RANGE: 0 TO 6 VOLTS:
 TRANSFER FUNCTION: 10 dB/VOLT
 INPUT IMPEDANCE: 10 K OHMS
- POWER SUPPLY: +12V ± 5% @ 100 mA MAXIMUM
- CONNECTORS:
 RF INPUT/OUTPUT: SMA FEMALE FOR RF
 POWER AND CONTROLS: SOLDER PIN

AVAILABLE OPTIONS:

- 1: 2 SMA MALE RF CONNECTORS
 - 2: 1 SMA MALE & 1 SMA FEMALE RF CONNECTORS
 - 3: 5 dB/VOLT SENSITIVITY
 - 4: 0 TO 30dB ATTENUATION RANGE
 - 5: +15V POWER SUPPLY
 - GP: GOLD PLATED MOUNTING SURFACE
- NOTE: PAINTED (P) MOUNTING SURFACE (This is standard for all products)

ZONE		REV.		REVISIONS			DATE	APPROVED
		A		SEE ER# 038-19			6/12/19	RRA




ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
 -55°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- MECHANICAL SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION
 * Units are designed to meet Environmental ratings but not tested.
 If Environmental Testing is required, please contact Sales Department.

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES: X.XX ±0.020
 X.XXX ±0.010

 ISO 9001:2015 CERTIFIED		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
		TITLE PRODUCT FEATURE AGH-1020D		
APPROVALS	DATE	1.0 TO 2.0 GHz, VOLTAGE CONTROLLED ATTENUATOR		
DRAWN RJW	6/11/19	SIZE	FSCM NO. A 60483	DWG NO. 100-8956
ENG RRA	6/11/19	A	SCALE N:S	REV. A
QAE RRA	6/11/19			SHEET 1 OF 1