

DESCRIPTION

AMC MODEL AGT-2000-70D IS A BROAD BAND VARIABLE ATTENUATOR/MODULATOR, 10dB/VOLT ANALOG CONTROLLED (OTHER CONTROL VOLTAGES AVAILABLE).

SPECIFICATIONS

- FREQUENCY RANGE 10 MHZ-2.0 GHz MINIMUM
- INSERTION LOSS 2.5 dB MAXIMUM
- ATTENUATION FLATNESS
(± dB MAXIMUM) 0-30 dB ±0.5 dB MAXIMUM
30-50 dB ±1.5 dB MAXIMUM
50-70 dB ±2.5 dB MAXIMUM
- ATTENUATION ACCURACY 0-10 dB ±2.0 dB MAXIMUM
10-20 dB ±1.0 dB MAXIMUM
20-50 dB ±1.5 dB MAXIMUM
50-70 dB ±2.0 dB MAXIMUM
- SWITCHING TIME ON: 25 μsec OFF: 10 μsec
- VSWR 2.0:1 MAXIMUM, 1.75 TYPICAL
(@ 0dB ATTENUATION)
- RF POWER RATINGS
OPERATING +10 dBm CW MAXIMUM, +20dBm TYPICAL.
SURVIVAL +30 dBm CW MAXIMUM
- CONTROL 10dB/VOLT ANALOG CONTROLLED
(OTHER CONTROL VOLTAGES AVAILABLE)
- POWER SUPPLY +15VDC @ 250 mA MAXIMUM
-15VDC @ 50 mA MAXIMUM
- CONNECTORS
RF INPUT/OUTPUT SMA FEMALE
POWER AND CONTROLS SOLDER PIN CONTROL
- SIZE 2.00" x 1.81" x 0.88"

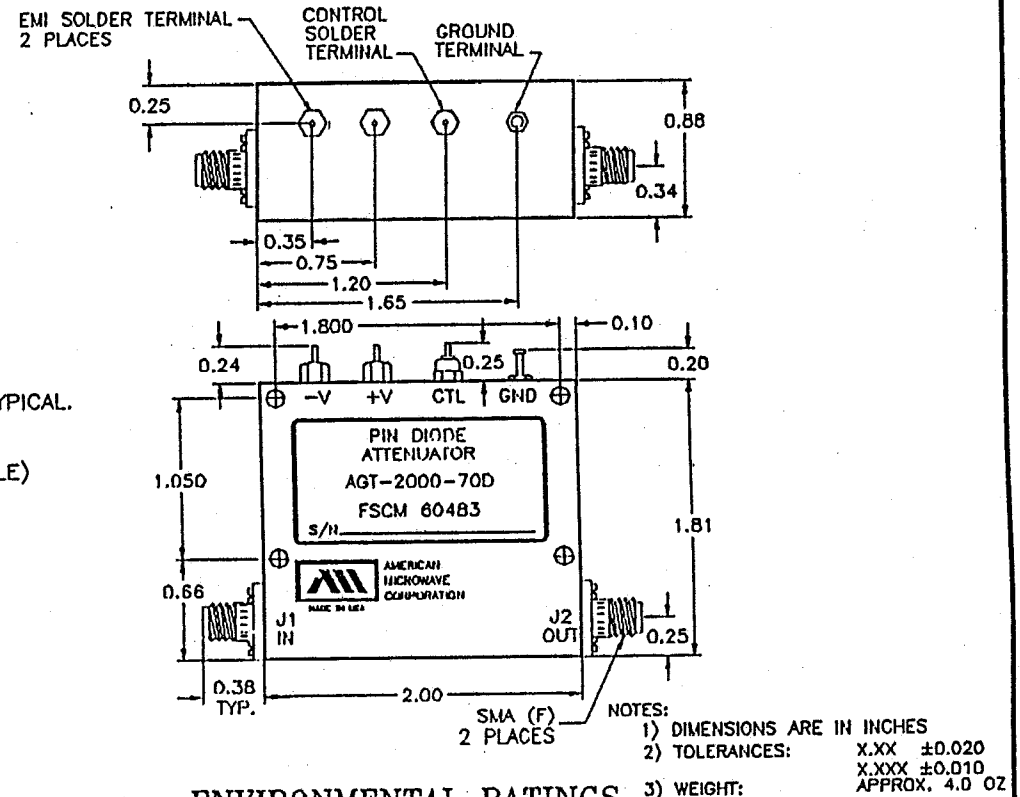
AVAILABLE OPTIONS

- A01 J1 SMA MALE, J2 SMA FEMALE
- A02 TWO SMA MALE RF CONNECTORS
- A03 FOR DIGITAL UNIT REFER TO AGT-2000-70DD DATA SHEET
- A04 5dB/VOLT ANALOG CONTROL
- A05 MOUNTING SURFACE UNPAINTED
- A06 EXTENDED BANDWIDTH, SLOW SPEED AND 60 dB ATTENUATION RANGE
REFER TO DATA SHEETS AGT-2018-60D-100 (SLIM LINE). FOR DIGITAL
CONTROLLED UNIT REFER TO AGT-2018-60DD-100 (SLIM LINE).
(SPECIFY FREQUENCY)
218 2 GHz TO 18 GHz
219 2 GHz TO 19 GHz
200M18 200 MHz TO 18 GHz
300M18 300 MHz TO 18 GHz
10M18 10 MHz TO 18 GHz
- A07 HIGH SPEED UNIT (≤ 1μSEC) AND 60 dB ATTENUATION RANGE REFER TO
DATA SHEETS AGTN-2018-60D-100 (SLIM LINE) FOR DIGITAL
CONTROLLED UNITS REFER TO AGTN-2018-60DD-100
(SLIM LINE). (FREQUENCY RANGE OPTIONS)
218 2 GHz TO 18 GHz
219 2 GHz TO 19 GHz
300M18 300 MHz TO 18 GHz
200M18 200 MHz TO 18 GHz
- SCS SPECIAL CUSTOMER SPECIFICATIONS

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE, JOB # 212313-1E	04/28/03	AKG

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE -55°C TO +125°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY MIL-STD-202F, METHOD 103B COND. B
- 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

		AMERICAN MICROWAVE CORPORATION 7311G GROVE RD., FREDERICK, MD. 21701 TEL: (301) 662-4700 FAX: (301) 662-4938	
		PRODUCT FEATURE AGT-2000-70D 10 MHz - 2 GHz, VOLTAGE VARIABLE ATTENUATOR	
APPROVALS DRAWN: <i>WSPD</i> CHECKED: <i>P.N. Jula</i>	DATE <i>04/23/03</i> <i>10/1/97</i>	SIZE A	SHEET 1 OF 2