

## DESCRIPTION

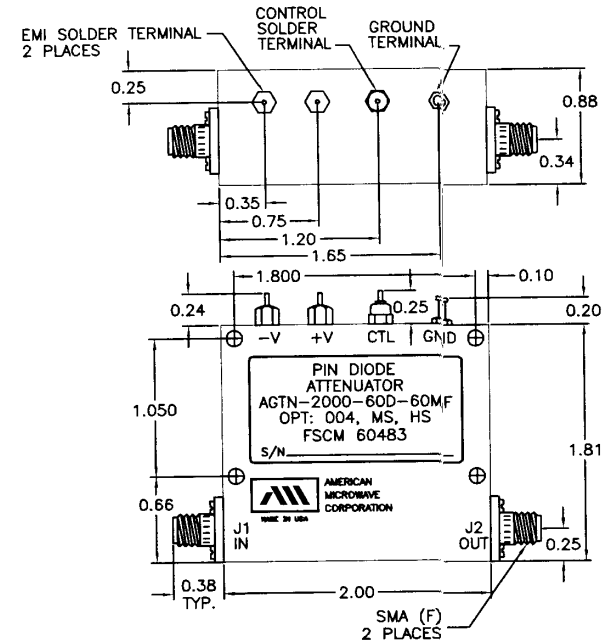
AMC MODEL NUMBER AGTN-2000-60D-60MF OPTIONS 004, MS, HS IS A ANALOG CONTROLLED SOLID STATE ATTENUATOR, 60 MHz  $\pm 10$  MHz,  $\pm 15$  VOLTS POWER SUPPLY, 30 dB DYNAMIC RANGE.

## SPECIFICATIONS

- FREQUENCY RANGE ..... 60 MHz  $\pm 10$  MHz
- INSERTION LOSS ..... 2.5 dB MAXIMUM
- ATTENUATION FLATNESS ..... 0-30 dB  $\pm 0.5$  dB MAXIMUM
- ATTENUATION ACCURACY ..... 0-10 dB  $\pm 2.0$  dB MAXIMUM  
10-20 dB  $\pm 1.0$  dB MAXIMUM  
20-30 dB  $\pm 1.5$  dB MAXIMUM
- SWITCHING TIME ..... < 10  $\mu$ SEC, TYPICALLY 1  $\mu$ SEC FROM 50% POINT TO 90% RF AND 90% TO 10 % RF
- VSWR ..... 2.0:1 MAXIMUM
- RF POWER RATINGS  
OPERATING ..... +10 dBm CW MAXIMUM, +20 dBm TYPICAL
- CONTROL ..... 10dB/VOLT ANALOG CONTROLLED  
(OTHER CONTROL VOLTAGES AVAILABLE)
- POWER SUPPLY ..... +15 VDC @ 310 mA MAXIMUM  
-15 VDC @ 50 mA MAXIMUM
- CONNECTORS  
RF INPUT/OUTPUT ..... SMA FEMALE  
POWER AND CONTROLS ..... SOLDER PIN CONTROL
- SIZE ..... 2.00" x 1.81" x 0.88"

ZONE		REV.	DESCRIPTION	DATE	APPROVED
		-	ORIGINAL RELEASE, JOB# 80240-2E	10/29/09	

## MECHANICAL OUTLINE




**CONFIDENTIAL AND PROPRIETARY**

## 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

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX  $\pm 0.010$   
X.XXX  $\pm 0.005$

PART NO.		 <b>AMERICAN MICROWAVE CORPORATION</b> FREDERICK, MARYLAND			
APPROVALS	DATE	TITLE			
DRAWN <i>WBS</i>	10/29/09	PRODUCT FEATURE AGTN-2000-60D-60MF OPTIONS 004, MS, HS			
CHECKED		SIZE	FSCM NO.	DWG NO.	REV.
ISSUED		A	60483	100-6811	-
		SCALE	N:S	SHEET	1 of 3