

## DESCRIPTION

AMC MODEL AGT-2018-60D OPTION 115 IS A BROAD BAND VARIABLE ATTENUATOR/MODULATOR WITH 2dB/VOLT ANALOG CONTROL AND +20dBm RF POWER.

## SPECIFICATIONS

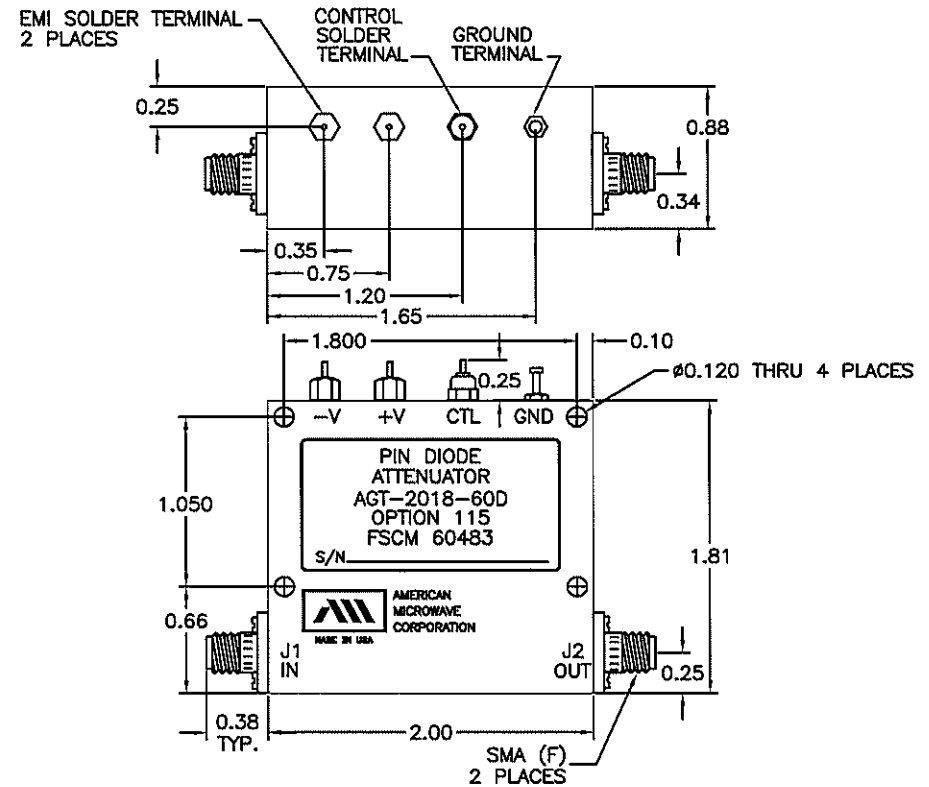
- FREQUENCY RANGE ..... 0.3 TO 18GHz
- INSERTION LOSS ..... 3.5 dB MAXIMUM
- ATTENUATION FLATNESS  
(± dB MAXIMUM) ..... 0 - 14dB: ±0.8dB MAX
- ATTENUATION ACCURACY ..... 0 - 14dB: ±1.0dB MAX
- SWITCHING SPEED ..... 3 μsEC
- VSWR ..... 2.0:1 MAXIMUM
- CONTROL ..... 2dB/VOLT ANALOG CONTROLLED
- POWER SUPPLY ..... +12VDC @ 210 mA MAXIMUM  
-12VDC @ 30 mA MAXIMUM
- CONNECTORS  
RF INPUT/OUTPUT ..... SMA FEMALE  
POWER AND CONTROLS ..... SOLDER PIN CONTROL
- OPTION 115: ..... +20dBm RF POWER

## 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


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	11/19/07	<i>[Signature]</i>

## MECHANICAL OUTLINE



### NOTES:

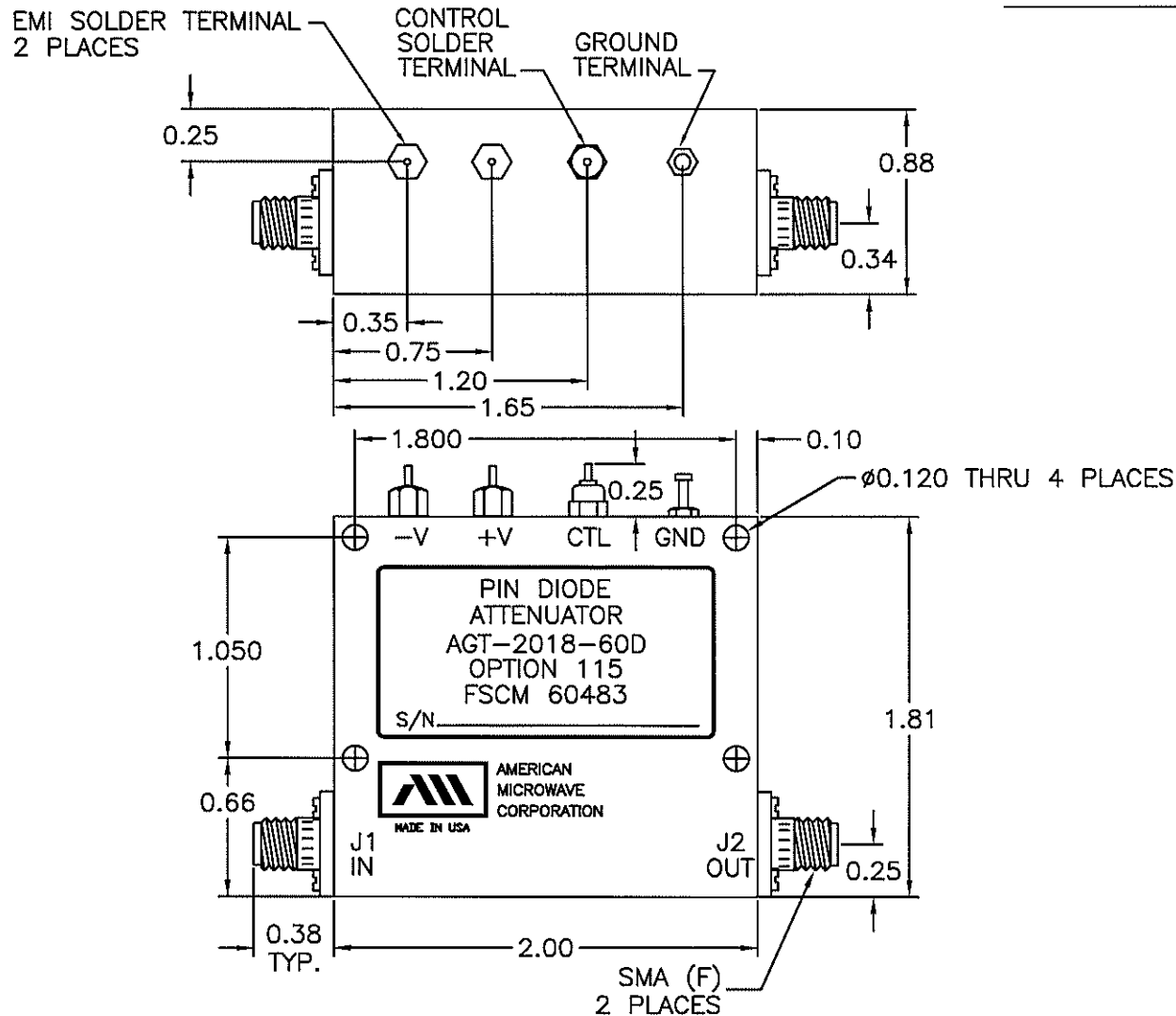
- 1) DIMENSIONS ARE IN INCHES
- 2) TOLERANCES: X.XX ±0.020  
X.XXX ±0.010  
APPROX. 4.0 OZ
- 3) WEIGHT:

		<b>AMERICAN MICROWAVE CORPORATION</b> 7311G GROVE RD., FREDERICK, MD. 21701 TEL: (301) 662-4700 FAX: (301) 662-4938		
		<b>PRODUCT FEATURE</b> <b>AGT-2018-60D OPT 115</b> 0.3 TO 18GHz FREQUENCY		
APPROVALS DRAWN <i>KMP</i> CHECKED <i>[Signature]</i>	DATE 11/19/07 11/20/07	SIZE A	SHEET 1 OF 2	DWG. # 100-A021-000

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APPROVALS	DATE
DRAWN <i>R. Kelly</i>	11/13/07
CHECKED <i>R. Kelly</i>	11/20/07

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**AGT-2018-60D OPT 115**  
0.3 TO 18GHz FREQUENCY

SIZE A

SHEET 2 OF 2

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