REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	ORIGINAL RELEASE, JOB# 706113E	10/27/09	

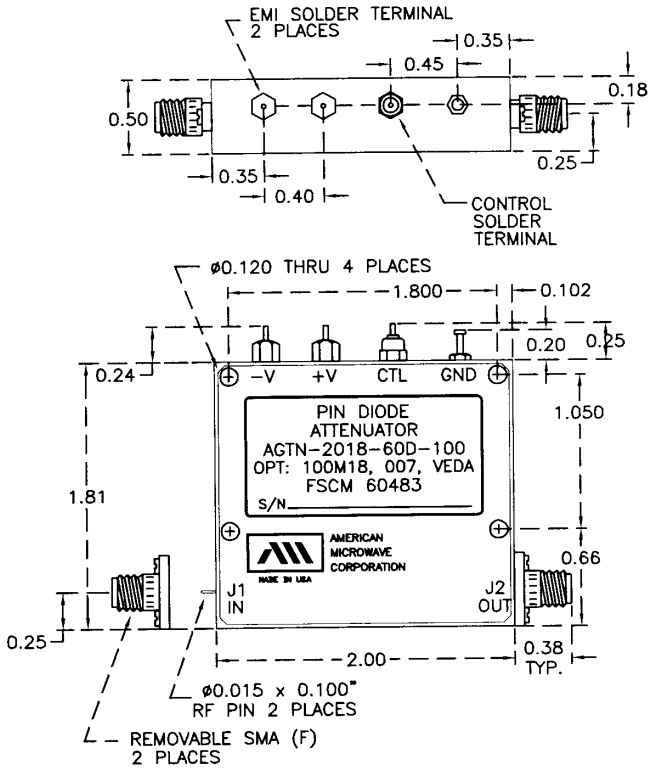
DESCRIPTION

AMC MODEL AGTN–2018–60D–100 OPTIONS 007, 10M18, VEDA IS A BROAD BAND VARIABLE ATTENUATOR/MODULATOR, 10 dB/VOLT ANALOG CONTROLLED, OPTIMIZED FOR 10 MHz TO 18 GHz.

SPECIFICATIONS

- FREQUENCY RANGE ..... 10 MHz TO 18 GHz
- INSERTION LOSS ..... 4.5 dB MAXIMUM
- ATTENUATION ACCURACY ..... 0–30 dB ±1.0 dB MAXIMUM
  30–50 dB ±1.5 dB MAXIMUM
  50–60 dB ±2.0 dB MAXIMUM
- VSWR ..... 2.2:1 MAXIMUM
- CONTROL ..... 10dB/VOLT ANALOG CONTROLED
- POWER SUPPLY ..... +12VDC @ 210 mA MAXIMUM
  –12VDC @ 30 mA MAXIMUM
- CONNECTORS
  RF INPUT/OUTPUT ..... SMA FEMALE
  POWER AND CONTROLS ..... SOLDER PIN CONTROL
- SIZE ..... 2.00" x 1.81" x 0.50"

MECHANICAL OUTLINE



CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: ..... –55°C TO +85°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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

PART NO.		
APPROVALS	DATE	
DRAWN WHS	10/27/09	
CHECKED		
ISSUED		

AMERICAN MICROWAVE CORPORATION
FREDERICK, MARYLAND

TITLE
PRODUCT FEATURE
AGTN–2018–60D–100
OPTIONS 007, 10M18, VEDA

SIZE	FSCM NO.	DWG NO.	REV.
A	60483	100–6795	–

SCALE N:S SHEET 1 of 3