

DESCRIPTION:

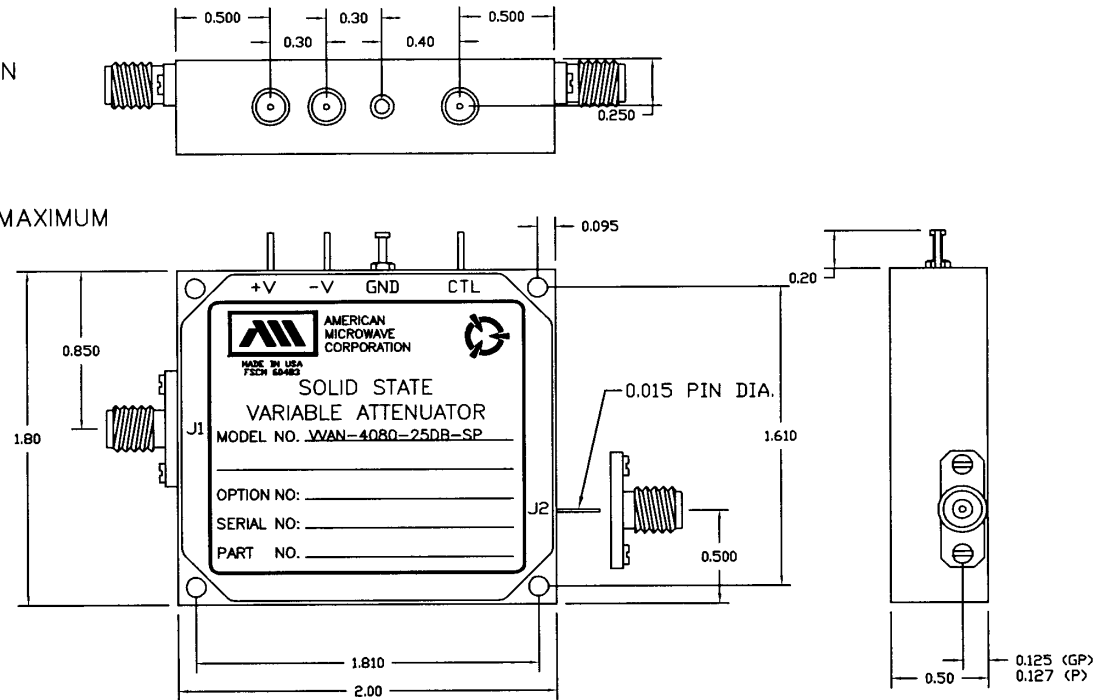
AMC MODEL NUMBER VVAN-4080-25DB-SP IS A VOLTAGE CONTROLLED ATTENUATOR MODULE. DESIGNED FOR THE 4 GHz TO 8 GHz FREQUENCY RANGE WITH 2.5 dB INSERTION LOSS, <500 nS SWITCHING SPEED AND ±12VDC POWER SUPPLY. WITH THE CONTROL VOLTAGE FROM 0-10 VOLTS @ 25 dB ATTENUATION.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE, JOB# 80480-2E	11/04/03	

SPECIFICATIONS:

- FREQUENCY RANGE: 4 GHz TO 8 GHz
- INSERTION LOSS: 2.5 dB MAXIMUM
- VSWR: 2.0:1
- CONTROL VOLTAGE: 0-10 VOLTS @ 25 dB ATTENUATION
- SWITCHING SPEED: <500 nS
- FREQUENCY FLATNESS:
 - @ 10 dB ±0.5 dB
 - @ 25 dB ±0.87 dB
- ATTENUATION ACCURACY: 0-25 dB ± 0.5 dB
- POWER SUPPLY: ± 12 VDC @ +125 mA, -50 mA MAXIMUM
- CONNECTORS: REMOVABLE SMA FEMALE
- SIZE: 2.00 (L) X 1.80 (H) X 0.50 (W)

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

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

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WJCS</i>	11/04/03	PRODUCT FEATURE VVAN-4080-25DB-SP	
CHECKED		SIZE	FSCM NO.
ISSUED		A	60483
		DWG NO.	100-6829
		SCALE	N: S
		REV.	-
		SHEET 1 of 3	