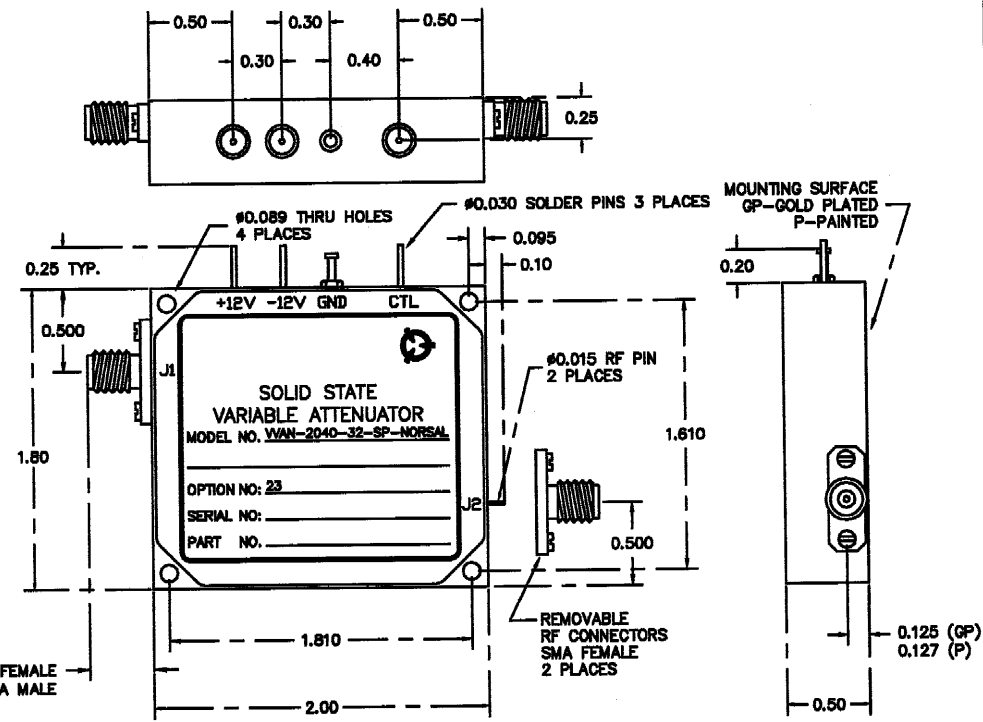


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-		ORIGINAL RELEASE, JOB # 70592-1	01/16/99	

SPECIFICATIONS

- FREQUENCY RANGE 2-3 GHz MINIMUM
- INSERTION LOSS 2.0 dB MAXIMUM
- ATTENUATION FLATNESS 10 dB \pm 0.45 dB MAXIMUM
20 dB \pm 0.8 dB MAXIMUM
32 dB \pm 1.5 dB MAXIMUM
- ATTENUATION DYNAMIC RANGE 32 dB MINIMUM
- ATTENUATION ACCURACY 0-30 dB \pm 0.5 dB MAXIMUM
(DEVIATION FROM NOMINAL ATTENUATION)
30-32 dB \pm 1.0 dB MAXIMUM
- MONOTONICITY GUARANTEED
- TEMPERATURE COEFFICIENT \pm 0.025 dB/ $^{\circ}$ C MAXIMUM
- SWITCHING TIME 500 nS MAXIMUM
- VSWR (ALL ATTENUATION LEVELS) 2.0:1 MAXIMUM
- POWER RATINGS +20 dBm OPERATING
+30 dBm SURVIVAL
- CONTROL VOLTAGE CONTROLLED (0-6V)
5dB/VOLT TRANSFER FUNCTION
- POWER SUPPLY +12VDC \pm 5% @ 125 mA MAXIMUM
-12VDC \pm 5% @ 50 mA MAXIMUM
- CONNECTORS
RF INPUT/OUTPUT REMOVABLE SMA FEMALE
POWER SOLDER PIN
CONTROL SOLDER PIN
- SIZE 2.0" x 1.6" x 0.50"
- WEIGHT 4.0 oz.



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55 $^{\circ}$ C TO +85 $^{\circ}$ C (OPERATING)
-65 $^{\circ}$ C TO +125 $^{\circ}$ 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 0.020
X.XXX \pm 0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

CONTRACT NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE OUTLINE DRAWING	
DRAWN WJP	01/16/99	VVAN-2040-32-SP-NORSAL OPTION 23 VOLTAGE VARIABLE ATTENUATORS	
CHECKED		SIZE FCIM NO.	DWG NO.
ISSUED		A 60483	100-3704-6
		SCALE	SHEET 1 of 1