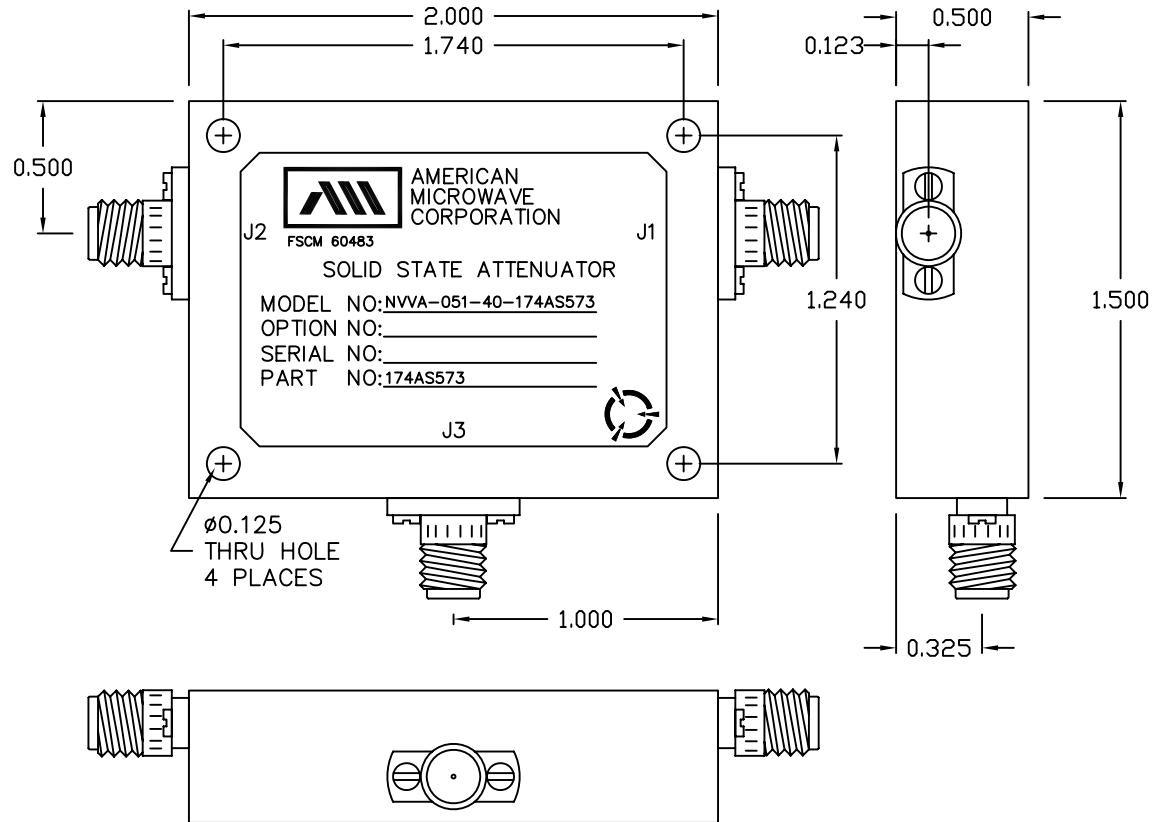


PRODUCT DESCRIPTION:

AMC MODEL: NVVA-051-40-174AS573 IS A VOLTAGE VARIABLE ATTENUATOR HAVING A FREQUENCY RANGE OF 500 TO 1000 MHZ, INSERTION LOSS OF 0.8 DB MAXIMUM AND A VSWR OF 1.6:1.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB #207102E	09/06/02	
		A SPECIFICATION CHANGE ECN#03-016	04/21/03	

- FREQUENCY RANGE:..... 500 TO 1000 MHZ
- ATTENUATION:..... VARIABLE FROM 0 TO 40 dB
- INSERTION LOSS:..... 1.0 dB MAXIMUM
- VSWR:..... 1.7:1 MAXIMUM
- SWITCHING TIME:..... OFF TO ON = 150 nSec
ON TO OFF = 50 nSec
- ATTENUATION FLATNESS @ 40 dB:..... ±3 dB MAXIMUM
- MAXIMUM ATTENUATION:..... -2 VOLTS CONTROL INPUT
- MINIMUM ATTENUATION:..... 0 VOLTS CONTROL INPUT
- ATTENUATION ACCURACY @ 40 dB: +10 dB / -0 dB
- MAXIMUM CONTROL CURRENT:..... -100 mA



ENVIRONMENTAL RATINGS:

RATINGS SHALL BE CAPABLE OF MEETING MIL-E-5400 CLASS 1A WITH THE FOLLOWING EXCEPTIONS:

- STORAGE TEMPERATURE:..... -65°C TO +75°C
- OPERATING TEMPERATURE:..... -54°C TO +75°C
- HUMIDITY:..... 95%
- SHOCK:..... 100 G's WITH 6 MILLISECOND DURATION
5 BLOWS ALONG EACH AXIS, NON-SHORTING
- VIBRATION:..... 60 Hz ALONG EACH AXIZ FOR 32 HOURS
96 HOURS TOTAL


ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.010

X.XXX ±0.005

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		 AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>JDJ</i>	09/06/02	PRODUCT FEATURE		
REDRAWN <i>JDJ</i>	8/5/04	NVVA-051-40-174AS573		
ISSUED		VOLTAGE VARIABLE ATTENUATOR		
SIZE	FSCM NO.	DWG NO.	REV.	
A	60483	100-6392	A	
SCALE N/A		SHEET 1 OF 3		