

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 6.0 GHz
- ATTENUATION RANGE: 127dB
- INSERTION LOSS: 9.5 dB MAXIMUM
- ATTENUATION FLATNESS (± dB MAXIMUM): 0-30 dB ± 1.0 dB MAXIMUM
 30-40 dB ± 1.5 dB MAXIMUM
 40-50 dB ± 2.5 dB MAXIMUM
 50-60 dB ± 4.0 dB MAXIMUM
 60-80 dB ± 7.5 dB MAXIMUM
 80-127 dB ± 13.0 dB MAXIMUM
- ATTENUATION ACCURACY: 0-20 dB ± 2.5 dB MAXIMUM
 20-30 dB ± 1.5 dB MAXIMUM
 30-50 dB ± 1.5 dB MAXIMUM
 50-80 dB ± 2.0 dB MAXIMUM
 80-127 dB ± 2.5 dB MAXIMUM
- SWITCHING TIME: 5uSEC MAXIMUM
- VSWR: 2.2:1 MAXIMUM
- RF POWER RATINGS:
 OPERATING: +20 dBm CW MAXIMUM
 SURVIVAL: +30 dBm CW MAXIMUM
- CONTROL: 7 BIT TRUE BINARY LOGIC (1dB LSB)
- POWER SUPPLY: +12 VDC @ 375 mA MAXIMUM
 -12 VDC @ 50 mA MAXIMUM
- CONNECTORS:
 RF INPUT/OUTPUT: SMA FEMALE
 15 PIN MICRO-D SUBMINIATURE (MALE)
 MATING CONNECTOR FURNISHED

OPTIONS:

- 056: 0.5 TO 6GHz FREQUENCY RANGE

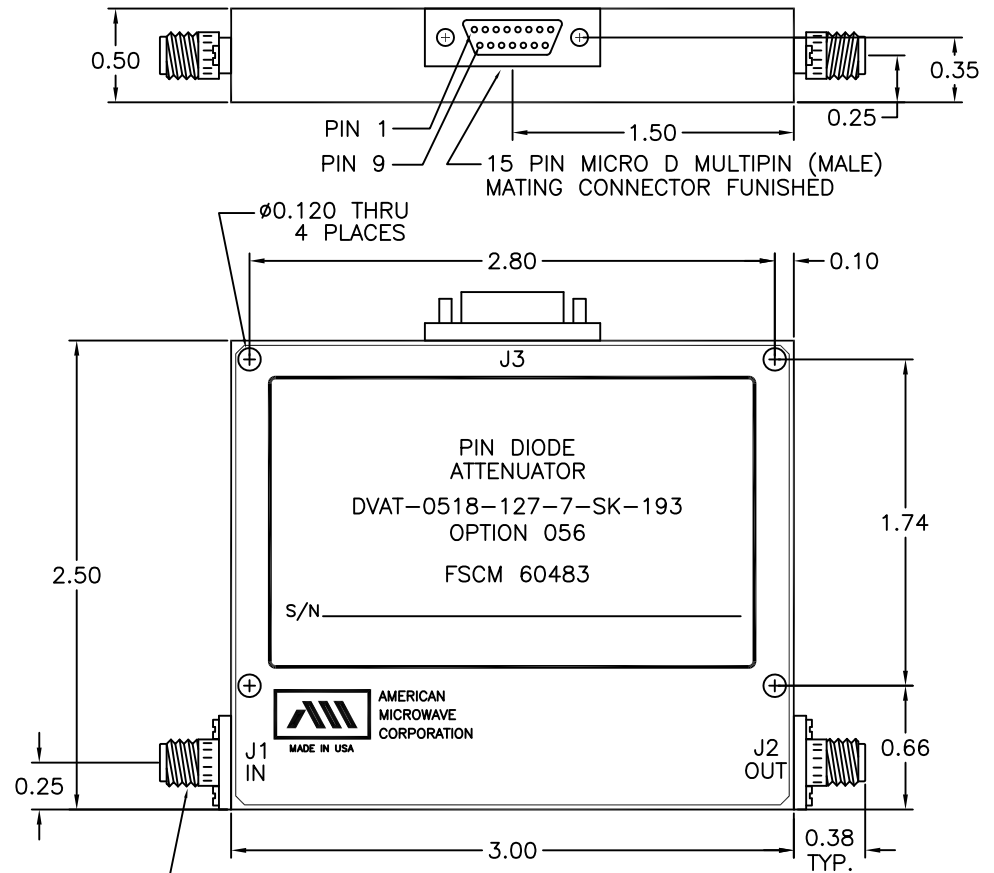
ENVIRONMENTAL RATINGS:

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

* Units are designed to meet Environmental ratings but not tested. If Environmental Testing is required, please contact Sales Department.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 038-14	8/12/14	Rd



STANDARD PIN NUMBERING	
PIN	FUNCTION
1	GND
2	Latch
3	Not Used
4	GND
5	Not Used
6	1 dB (LSB)
7	2 dB
8	4 dB
9	8 dB
10	16 dB
11	32 dB
12	64 dB (MSB)
13	+12VDC
14	-12VDC
15	Not Used

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.02

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APPROVALS		DATE	TITLE		
DRAWN	<i>K JPMMP</i>	8/12/14	PRODUCT FEATURE		
ENG	<i>Rd</i>	8/12/14	DVAT-0518-127-7-SK-193		
QAE	<i>K JPMMP</i>	8/12/14	OPTION 056		
SIZE	FSCM NO.	DWG NO.	REV.		
A	60483	100-8569	A		
SCALE N:S			SHEET 1 OF 1		