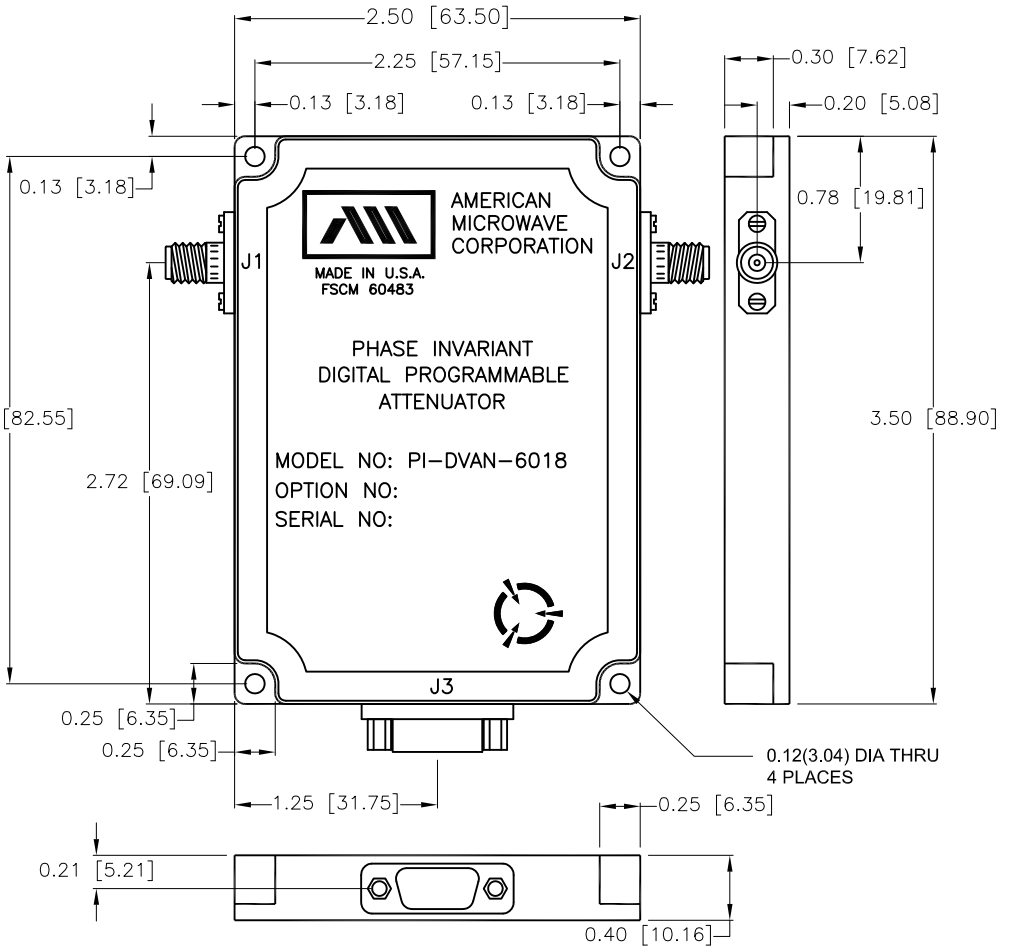
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 022-13	4/30/13	RA

SPECIFICATIONS:

- FREQUENCY RANGE: 6 – 18GHz
- ATTENUATION RANGE: 40dB MINIMUM
- INSERTION LOSS: 8dB MAXIMUM
- RETURN LOSS: 2.0:1 MAXIMUM
- ATTENUATION ACCURACY: ±0.75dB MAXIMUM
- ATTENUATION FLATNESS: 0 TO 30dB: ±0.75dB MAXIMUM
  >30dB TO 40dB: ±1.0dB MAXIMUM
  0 TO 30dB (OVER TEMP): ±1.0dB MAXIMUM
  >30 TO 40dB (OVER TEMP): ±1.2dB MAXIMUM
- PHASE: 0 TO 30dB: ±5° MAXIMUM
  >30dB TO 40dB: ±7° MAXIMUM
  0 TO 30dB (OVER TEMP): ±7° MAXIMUM
  >30 TO 40dB (OVER TEMP): ±10° MAXIMUM
- SWITCHING TIME: 250nSec MAXIMUM
- RF INPUT POWER (OPERATING): +20dBm MAXIMUM
- RF INPUT POWER (SURVIVAL): +27dBm MAXIMUM
- ATTENUATION CONTROL BITS: 9 BIT MINIMUM
- ATTENUATION LSB STEPS: 0.1dB STEP MINIMUM
- TEMPERATURE COEFFICIENT: 0.01dB/°C FROM 0 TO 30dB
  0.02dB/°C FROM >30 TO 40dB
- POWER SUPPLY: +7VDC @ 300mA MAXIMUM



DIMENSIONS ARE IN INCHES(MM)

PIN OUT FOR J3	
PIN NUMBER	FUNCTION
1	B0
2	B1
3	B2
4	B3
5	B4
6	B5
7	B6
8	B7
9	B8
10	GND
11	GND
12	GND
13	CLOCK
14	+V
15	GND

ENVIRONMENTAL RATINGS:

- TEMPERATURE: 0°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.

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.03
X.XXX ±0.010

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ISO 9001:2000 CERTIFIED

APPROVALS	DATE
DRAWN K SIMMS	4/30/13
ENG RA	4/30/13
QAE K SIMMS	4/30/13

TITLE: PRODUCT FEATURE
PI-DVAN-6018

SIZE	FSCM NO.	DWG NO.	REV.
A	60483	100-8426	A

SCALE N:S SHEET 1 OF 1