DESCRIPTION
PMI MODEL: PDVAN-4080-60-8 IS AN 8-BIT PROGRAMMABLE 60 dB PIN DIODE ATTENUATOR WITH STEP RESOLUTION AS LOW AS 0.25 dB OVER THE FREQUENCY RANGE OF 4.0 GHz TO 8.0 GHz.

SPECIFICATIONS
- FREQUENCY RANGE: 4.0 TO 8.0 GHz
- MEAN ATTENUATION RANGE: 60 dB
- INSERTION LOSS: 2.5 dB MAXIMUM
- VSWR: 2.0:1 MAXIMUM
- POWER RATING: +20 dBm CW MINIMUM (OPERATING)
  +30 dBm CW MAXIMUM (SURVIVAL)
- ATTENUATION FLATNESS: ±0.5 dB @ 10 dB ATTENUATION
  ±0.87 dB @ 20 dB ATTENUATION
  ±1.5 dB @ 40 dB ATTENUATION
  ±1.6 dB @ 60 dB ATTENUATION
- SWITCHING TIME: 500 ns MAXIMUM
- DIGITAL CONTROL: 8 BIT BINARY TTL
- INPUT TRACKING: MONOTONIC
- POWER SUPPLY: +12 V TO +15 V @ 150 mA MAXIMUM
  -12 V TO -15 V @ 75 mA MAXIMUM
- CONNECTORS: RF: FIELD REPLACEABLE SMA FEMALE
  VDC/CTL: 15 PIN MICRO-D FEMALE
- SIZE: 2.00" x 1.80" x 0.50"
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS
- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
  -65 °C TO +125 °C (STORAGE)
- HUMIDITY: MIL-STD-202, METHOD 103B COND. B
- SHOCK: MIL-STD-202, METHOD 213B COND. B
- VIBRATION: MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107D COND. A

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

PMI CONFIDENTIAL AND PROPRIETARY

MECHANICAL OUTLINE