SPECIFICATIONS:

- FREQUENCY RANGE: 6 – 18 GHz
- ATTENUATION RANGE: 0dB 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

ENVIRONMENTAL RATINGS:
- TEMPERATURE: -65°C TO +125°C (OPERATING)
  -85°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 2040 COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 1070 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.

ENVIRONMENTAL RATINGS:
- TEMPERATURE: -0°C TO +85°C (OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 2040 COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 1070 COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE.
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DIMENSIONS ARE IN INCHES (MM)