DESCRIPTION
PMI MODEL LM–OR4G5G5G–20W–SFF–OPT400M500M IS A RF LIMITER THAT OPERATES IN THE 400 TO 5000 MHZ FREQUENCY RANGE. THIS LIMITER CAN HANDLE 20W CW INPUT POWER AND PROVIDES A TYPICAL LEAKAGE OF +13DBM. THIS MODEL HAS A LOW INSERTION LOSS OF 1.0DB TYPICAL AND A RECOVERY TIME OF 10NS TYPICAL.

SPECIFICATIONS
- FREQUENCY RANGE: ........................................... 400 to 500 MHz
- INSERTION LOSS: ........................................... 1.0 dB TYPICAL
- INPUT/OUTPUT VSWR: ........................................... 2.0:1 MAXIMUM
- IMPEDANCE: ........................................... 50 OHMS
- INPUT POWER: ........................................... 20 WATTS CW MAXIMUM
  200W PEAK, 10% DUTY CYCLE, 1µS PW
- FLAT LEAKAGE POWER: ........................................... 13dBm TYPICAL
- RECOVERY TIME: ........................................... 10nsec TYPICAL
- RF CONNECTORS: ........................................... SMA FEMALE
- FINISH: ........................................... EPOXY PAINT BLUE

OPTIONS:
- FREQUENCY RANGE: ........................................... 400 to 5550 MHz

ENVIRONMENTAL RATINGS
- TEMPERATURE: ........................................... –40°C TO +70°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 204B 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. PMI CONFIDENTIAL AND PROPRIETARY