DESCRIPTION

PMI MODEL: LM-50M4G-16-1W-SFF IS A HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 50 MHz TO 4 GHz, (USABLE TO 11 GHz) WITH 1W (+30 dBm) OF CW POWER HANDLING (USABLE TO 4W), AND 32W PEAK POWER (+45dBm), PULSE WIDTH 1 μSec, Duty Cycle 0.1%. This compact housing is fitted with SMA female connectors.

SPECIFICATIONS

- FREQUENCY RANGE: 50 MHz to 4 GHz (Usable to 11GHz)
- POWER HANDLING: 1W (+30 dBm), CW (Usable to 4W Max.)
- 32W Peak (+45dBm), Pulse Width 1μs, Duty Cycle 0.1%
- INSERTION LOSS: 1.7 dB Max.
- VSWR (IN/OUT): 1.8:1 Max.
- FLAT LEAKAGE POWER: +22 dBm Typ.
- RECOVERY TIME: 50 ns Max.
- CONNECTORS: SMA FEMALE
- PACKAGE SIZE: 1.00" x 0.68" x 0.35"
- PACKAGE FINISH: BLUE PAINT

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +85 °C (OPERATING)
- HUMIDITY: -55 °C TO +125 °C (STORAGE)
- SHOCK: MIL-STD-202, METHOD 103B 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

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PRODUCT FEATURE
LM-50M4G-16-1W-SFF
50 MHz to 4 GHz 1W CW Power Limiter

PMI CONFIDENTIAL AND PROPRIETARY