DESCRIPTION

PMI MODEL: LM-1G18G-15-10W-500WP-SFF IS A HIGH POWER LIMITER THAT OPERATES OVER THE 1.0 TO 18.0 GHz FREQUENCY RANGE. THIS MODEL IS CAPABLE OF HANDLING AN INPUT POWER OF 10 WATTS CW & 500 WATTS PEAK, HOUSED WITHIN A COMPACT 1.00" x 1.00" x 0.40" PACKAGE OUTFITTED WITH FIELD REPLACEABLE SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: 1.0 TO 18.0 GHz
- RF INPUT POWER: 10 WATTS CW MAXIMUM
- PEAK INPUT POWER: 500 WATTS MAXIMUM*
- RF LEAKAGE: +17 dBm TYPICAL
- RECOVERY TIME: 100 ns TYPICAL
- INSERTION LOSS @ -20 dBm INPUT POWER: 2.5 dB MAXIMUM
- VSWR @ -20 dBm INPUT POWER: 2.0:1 MAXIMUM
- CONNECTORS: SMA FEMALE
- SIZE (EXCLUDING CONNECTORS): 25.4mm x 25.4mm x 10.16mm
- FINISH: GOLD PLATED

* = @ 0.1% DUTY CYCLE & 1 µs PULSE WIDTH

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: -65 °C TO +125 °C (NON-OPERATING)
- SHOCK: MIL-STD-202, METHOD 103B COND. B
- VIBRATION: MIL-STD-202, METHOD 213B COND. B
- ALTITUDE: MIL-STD-202, METHOD 204D COND. B
- TEMPERATURE CYCLING: MIL-STD-202, METHOD 105C COND. B

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

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