DESCRIPTION

PMI MODEL: LM-100M18-2D5W-12DBM-SFF IS A HIGH POWER LIMITER THAT OPERATES OVER THE 100 MHz TO 18.0 GHz FREQUENCY RANGE. THIS MODEL IS CAPABLE OF HANDLING AN INPUT POWER OF 2.5 WATTS CW, HOUSED WITHIN A COMPACT 1.00” x 0.40” PACKAGE OUTFITTED WITH FIELD REPLACEABLE SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: 100 MHz TO 18.0 GHz
- RF INPUT POWER: 2.5 WATTS CW MAXIMUM
- RF LEAKAGE: +12 dBm MAXIMUM
- 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)
  -65 °C TO +125 °C (NON-OPERATING)
- 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 CYCLING: MIL-STD-202, METHOD 107A COND. A

Note: Specifications will vary over operating temperature.
Note: The above specifications are subject to change or revision.

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PRODUCT FEATURE
LM-100M18-2D5W-12DBM-SFF
100 MHz to 18.0 GHz High Power Limiter