DESCRIPTION

PMI MODEL: LM-1G18G-15-25W-SMF-OPT1G4G IS A HIGH POWER LIMITER THAT OPERATES OVER THE 1.0 TO 4.0 GHz FREQUENCY RANGE. THIS MODEL IS CAPABLE OF HANDLING AN INPUT POWER OF 10 WATTS CW HOUSED WITHIN A COMPACT 1.00" x 1.00" x 0.40" PACKAGE OUTFITTED WITH FIELD REPLACEABLE SMA MALE AND FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: 1.0 TO 4.0 GHz
- RF INPUT POWER: 10 WATTS CW MAXIMUM
- PEAK INPUT POWER: 100 WATTS MAXIMUM*
- RF LEAKAGE: +17 dBm TYPICAL
- RECOVERY TIME: 100 ns MAXIMUM
- INSERTION LOSS @ -20 dBm INPUT POWER: 1.0 dB MAXIMUM
- VSWR @ -20 dBm INPUT POWER: 2.0:1 MAXIMUM
- CONNECTORS: SMA (M/F)
- SIZE (EXCLUDING CONNECTORS): 25.4mm x 25.4mm x 10.16mm
  1.00" x 1.00" x 0.40"
- FINISH: GOLD PLATED

* = @ 10% DUTY CYCLE & 40 μs PULSE WIDTH TYPICAL

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
  -65 °C TO +125 °C (NON-OPERATING)
- HUMIDITY: MIL-STD-202, METHOD 103B Cond. B
- VIBRATION: MIL-STD-202, METHOD 204D 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

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED

PRODUCT FEATURE
1.0 to 4.0 GHz High Power Limiter

PMI CONFIDENTIAL AND PROPRIETARY