DESCRIPTION

PMI MODEL: LM-32G36G-14-20W-SMT IS A HIGH POWER LIMITER CAPABLE OF WITHSTANDING AN INPUT POWER LEVEL OF 20 WATTS, 30 μs PULSE WIDTH, 30% DUTY CYCLE. THIS MODEL OPERATES IN THE 32 GHz TO 36 GHz FREQUENCY RANGE. THE INSERTION LOSS IS 2.0 dB MAXIMUM, VSWR OF 2.0:1, AND 250 ns RESPONSE TIME. THIS LIMITER IS SUPPLIED MOUNTED IN A TEST FIXTURE.

SPECIFICATIONS

- FREQUENCY RANGE: 32 GHz TO 36 GHz
- INSERTION LOSS: 2.0 dB MAXIMUM
- PEAK POWER: 20 WATTS (43 dBm)
- PULSE WIDTH: 30 μs
- DUTY CYCLE: 30%
- LEAKAGE POWER: +14 dBm TYPICAL
- 1 dB RECOVERY TIME: 250 ns MAXIMUM
- VSWR: 2.0:1
- SIZE: (L) 0.270" x (W) 0.198" x (H) 0.016" WITHOUT CARRIER
  (L) 1.200" x (W) 0.698" x (H) 0.200" INSIDE TEST FIXTURE

**TEST FIXTURE PROVIDED WITH THE UNIT**

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: -65 °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

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

PMI CONFIDENTIAL AND PROPRIETARY
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