DESCRIPTION

PMI MODEL NO. LM-9G9R5G-PIN-20W IS A LIMITER THAT OPERATES OVER THE FREQUENCY RANGE OF 9.3 TO 9.5 GHz. THIS MODEL IS OUTFITTED WITH PINS.

SPECIFICATIONS

- FREQUENCY RANGE: 9.3 TO 9.5 GHz
- IMPEDEANCE: 50 Ohms
- PEAK POWER: 300 WATTS (+54.78 dBm) MIN
  PULSE WIDTH 1us TO 13us
  DUTY CYCLE 6% MAX
  PRF 1400 Hz OR 4000 Hz SELECTABLE
- FLAT LEAKAGE: 40 mW (+16 dBm) MAX FOR 1us OR 13us
  BASED ON PULSE SELECTION
- SPIKE LEAKAGE: 250 mW (+24 dBm) MAX FOR 1us
- RECOVERY TIME: 2 us
- VSWR: 2.0:1 MAX (INPUT AND OUTPUT)
- INSERTION LOSS: 2.0 dB MAX
- CONNECTORS: SMA (F)
- FINISH: GOLD PLATED OVER NICKEL

*NOTE: THE LIMITER MUST BE CAPABLE OF PERFORMING TO FULL SPECIFICATION WHEN RF PULSE PATTERNS 1 AND 2 ARE APPLIED SIMULTANEOUSLY.*
*NOTE: ALUMINUM ALLOY 6061-T6*
*NOTE: SHALL NOT ACT AS A NUTRIENT TO MOULD OR OTHER GROWTHS*
*NOTE: TEST REPORT TO BE PROVIDED DURING DELIVERY AND PRODUCT WARRANTY OF 1 YEAR AFTER DELIVERY.*

ENVIRONMENTAL RATINGS

- OPERATING TEMPERATURE: 0 °C TO +50 °C (CASE TEMP)
- STORAGE TEMPERATURE: -40 °C TO +85 °C
- RELATIVE HUMIDITY: UP TO 95% COASTAL SALINE
- VIBRATION: SHALL OPERATE AT FULL SPECIFICATION WITH VIBRATION IN ALL THREE PRINCIPAL AXES WITH
  i) AMPLITUDE DISPLACEMENT OF ±1 mm AT A RATE BETWEEN 2.0 TO 13.2 Hz
  ii) ACCELERATION OF 7 m/s² AT A RATE OF 13.2 TO 100 Hz

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

MECHANICAL OUTLINE

SMA (F) REMOVABLE, 2 PLACES

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