**DESCRIPTION**

PMI MODEL NO. LV-400M4G-20CW-220WP-SFF-PE2 IS A HIGH POWER LIMITER THAT WORKS FROM 400 MHZ TO 4000 MHZ AND HANDLES INPUT POWER LEVELS OF 20 W CW AND 220 W PEAK, 10% DUTY CYCLE, 1 USEC PULSE WIDTH.

**SPECIFICATIONS**

- **FREQUENCY RANGE**: 100 TO 4000 MHZ
- **INSERTION LOSS**: 1.2 dB TYPICAL
- **MAX PEAK POWER**: 220 WATTS, 10% DUTY CYCLE, 1 USEC PW
- **MAX AVERAGE POWER**: 20 WATTS CW
- **LEAKAGE POWER**: +13 dBm TYPICAL
- **RECOVERY TIME**: 10 ns TYPICAL
- **VSWR**: 1.5:1 TYPICAL
- **DC BLOCKING**: INPUT AND OUTPUT
- **CONNECTORS**: SMA FEMALE REMOVABLE
- **SIZE**: 1.08" x 0.71" x 0.28" *EXCLUDING CONNECTORS*
- **FINISH**: COLD PLATED

**ENVIRONMENTAL RATINGS**

- **TEMPERATURE**: -40°C TO +85°C (OPERATING)  
  -85°C TO +125°C (STORAGE)
- **HUMIDITY**: MIL-STD-202F, METHOD 103B COND. B
- **SHOCK**: MIL-STD-202F, METHOD 213B COND. B
- **VIBRATION**: MIL-STD-202F, METHOD 204B COND. B
- **ALTITUDE**: MIL-STD-202F, METHOD 105C COND. B
- **TEMPERATURE CYCLE**: MIL-STD-202F, METHOD 1075 COND. A

**MECHANICAL OUTLINE**

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

**PRODUCT FEATURE**

LV-400M4G-20CW-220WP-SFF-PE2

ALL DIMENSIONS ARE IN INCHES

<table>
<thead>
<tr>
<th>TOLERANCES</th>
<th>±0.020</th>
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<tr>
<td>X XXX</td>
<td>±0.005</td>
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NOTE: SPECIFICATIONS MAY VARY OVER OPERATING TEMPERATURE.
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE AT DISCRETION.