PLANAR MONOLITHICS INDUSTRIES MODEL LM-3R15G3R25G-1-PE2-HERM IS A HIGH POWER LIMITER, SUPPLIED IN OUR STANDARD PE2 HERMETIC HOUSING, THAT WORKS FROM 3.15 TO 3.25 GHz.

SPECIFICATIONS

- **Frequency:** 3.15 TO 3.25 GHz
- **Insertion Loss:** -1 dB MAX, -20 dBm MIN
- **Return Loss:** 10 dB MIN, -20 dBm MAX
- **I/P 1 dB Compression Point:** 5 dB TYP
- **I/P Pulsed Power Characteristics:**
  - Max Peak Incident Power: -220 W
  - Max Duty Cycle: 10%
  - Max Pulse Width: 50 us
  - Rise/Fall Time: 1 us
- **Flat Leakage Power:** -14 dBm MAX
- **Spike Leakage Energy:** -0.1 erg TYP
- **Recovery Time:** 1 us MAX
- **I/O RF Connection & Package:** Drop-in Type (with removable SMA coaxial connectors and removable carrier housing)

ENVIRONMENTAL RATINGS

- **Temperature:** -15°C TO +60°C (OPERATING), -65°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 205C, COND. B
- **Temperature Cycle:** MIL-STD-202F, METHOD 107D, COND. A