DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-12-20-5W-2 OPTION M IS AN RF POWER LIMITER WITH A FREQUENCY RANGE OF 1.0 TO 2.0 GHz, AVERAGE POWER OF 5 WATTS, LEAKAGE POWER OF LESS THAN 100 mW, INSERTION LOSS OF LESS THAN 1 dB AND VSWR OF 2:0:1. THE SIZE IS 1.00" x 1.00" x 0.40".

SPECIFICATIONS:

- FREQUENCY: 1.0 TO 2.0 GHz
  (1090 MHz CENTER FREQUENCY)
- INSERTION LOSS: 1.0 dB MAXIMUM
- INPUT/OUTPUT VSWR: 2.0:1 MAXIMUM
- LEAKAGE POWER: +13 dBm
- PEAK POWER: 400 WATTS MINIMUM
- AVERAGE POWER: 5 WATTS MINIMUM
- OPERATING TEMPERATURE: +10 °C TO +55 °C
- STORAGE TEMPERATURE: −30 °C TO +50 °C
- VIBRATION (5–55 Hz, SINE): 3.55 g
- LIFETIME: GREATER THAN 15 YEARS
- SIZE: 1.00" X 1.00" X 0.40"
- WEIGHT: 1.5 OUNCES TYPICAL
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: +10°C TO +55°C (OPERATING)
  −30°C TO +50°C (STORAGE)
- HUMIDITY: MIL-STD−202F, METHOD 103B COND. B
- SHOCK: MIL-STD−202F, METHOD 213B COND. B
- VIBRATION (5–55 Hz, SINE): 3.55 g
- ALTITUDE: MIL-STD−202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD−202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION.
SPECIFICATIONS MAY VARY OVER TEMPERATURE.