DESCRIPTION
PMI MODEL: LM-1G18G-16-4W-SMF IS A COAXIAL LIMITER WITH AN OPERATING RANGE OF 1.0 GHz TO 18.0 GHz. THIS MODEL HAS A MAXIMUM INSERTION LOSS OF 2.3 dB AT -10 dBm INPUT POWER WITH A VSWR OF 2.0:1 MAXIMUM. THIS COMPACT UNIT MEASURES 0.90" X 0.38" SQUARE AND IS OUTFITTED WITH SMA CONNECTORS.

SPECIFICATIONS
- **FREQUENCY RANGE:** 1.0 TO 18.0 GHz
- **RF POWER HANDLING:** 4 W CW MIN @ +85°C
- **INSERTION LOSS:** 2.3 dB MAX @ -10 dBm INPUT POWER
- **RECOVERY TIME (3 dB):** 250 ns MAX @ 1000 W PEAK POWER
- **LEAKAGE POWER:** 40 mW MAX
- **SPIKE LEAKAGE:** 0.1 mW MAX
- **VSWR:** 2.0:1 MAX @ -10 dBm INPUT POWER
- **LIMITING THRESHOLD:** +5 dBm MIN (1 dB COMPRESSION)
- **CONNECTORS:** INPUT: SMA MALE
- **WEIGHT:** 20g [0.705 oz] MAX
- **SIZE:** (L) 22.86mm x (W) 9.65mm x (H) 9.65mm MAX
- **FINISH:** PAINTED BLUE

ENVIRONMENTAL RATINGS
**JAW MIL-E-5400, CLASS 2 EQUIPMENT**
- **TEMPERATURE:** -54 °C TO +85 °C (OPERATING)
  -62 °C TO +95 °C (STORAGE)
- **VIBRATION:** 0.1 inch/lb or ± 10g, 5 ~ 500 Hz
  (FIGURE 2, SHEET 1 OF 3, CURVE IV)
- **SHOCK:** 15G, 11±1 ms
- **HUMIDITY:** 100%
- **ALTITUDE:** 70,000 FT

PRODUCT FEATURE
LM-1G18G-16-4W-SMF
1.0 TO 18.0 GHz Coaxial Limiter

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