DESCRIPTION:
PMI MODEL NO: LM-218-14-200W-TUB-SFF IS A HIGH POWER LIMITER THAT OPERATES FROM 2.0 TO 18.0 GHz AND HANDLES 200 WATTS PEAK POWER WITH PULSE WIDTHS OF 1 µs AND 0.1% DUTY CYCLE OR 1 WATT CW. THIS MODEL OFFERS LOW LOSS OF 2 dB MAXIMUM, FAST RECOVERY OF LESS THAN 100 ns.

SPECIFICATIONS:
- FREQUENCY: 2 GHz TO 18 GHz
- INSERTION LOSS: 2.0 dB MAXIMUM
- PEAK POWER: 200 WATTS, 1 µs & 0.1% DUTY CYCLE
  1 WATT CW AVERAGE
- LEAKAGE POWER: +14 dBm MAXIMUM @ 1 WATT CW INPUT
- LOW LIMITING THRESHOLD: +6 dBm TYPICAL
- RECOVERY TIME: 100 ns MAXIMUM @ P(in) = 27 dBm
- VSWR: 2.0:1 MAXIMUM
- CONNECTORS: SMA FEMALE
- SIZE: 1.314" (L) x Ø0.375"
- WEIGHT: LESS THAN 1.5 OZ. TYPICAL

MECHANICAL OUTLINE

SMA FEMALE 2 PLCS

0.375

1.314

ENVIRONMENTAL RATINGS
- TEMPERATURE: -55°C TO +125°C (OPERATING) POWER HANDLING DERATED BY 20% @ +125 C
- 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 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION