DESCRIPTION
PMI MODEL: PMI MODEL: LM-2G18G-10-1W-SHS-1-M IS A HIGH SPEED, HIGH POWER HARD DIODE-LIMITER. IT OPERATES OVER THE FREQUENCY RANGE OF 2.0 TO 18GHz.

SPECIFICATIONS
- FREQUENCY RANGE: 2.0 TO 18 GHz
- INSERTION LOSS @-20dBm INPUT: 2.0dB MAX, 1.5dB TYP
- VSWR @-20dBm INPUT: 2.0:1 MAX, 1.5:1 TYP
- LEAKAGE @ 1 WATT CW INPUT: +14dBm MAX, +10dBm TYP
- SPEED: 10ns
- INPUT POWER: 1 WATT CW, 100 WATTS PEAK, 1μs PULSE, 0.1% DUTY CYCLE DERATED TO 20% AT 125°C
- LIMITING THRESHOLD: +10dBm TYP
- CONNECTORS: SMA MALE / FEMALE
- FINISH: PAINTED BLUE
- SIZE: 0.5" X 0.5" X 0.22"

ENVIRONMENTAL RATINGS
- TEMPERATURE: -55°C TO +85°C (OPERATING)
- HUMIDITY: MIL-STD-202, METHOD 103B COND. B
- SHOCK: MIL-STD-202, METHOD 213B COND. B
- VIBRATION: MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107D COND. A

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

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ISO 9001 CERTIFIED

PRODUCT FEATURE
LM-2G18G-10-1W-SHS-1-M

DRAWN: SAB
DATE: 9/18/10
REVISION: A

ISSUED: JPU
DATE: 10/10/10
REVISION A1

SCALE: N:S

NOTE: PMI CONFIDENTIAL AND PROPRIETARY