DESCRIPTION
PMI MODEL: LM-1G18G-15-25W-SMF IS A HIGH POWER LIMITER THAT OPERATES OVER THE 1.0 TO 18.0 GHz FREQUENCY RANGE. THIS MODEL IS CAPABLE OF HANDLING AN INPUT POWER OF 25 WATTS CW HOUSED WITHIN A COMPACT 1.00" x 1.00" x 0.40" PACKAGE OUTFITTED WITH FIELD REPLACEABLE SMA MALE CONNECTORS.

SPECIFICATIONS
- FREQUENCY RANGE: 1.0 TO 18.0 GHz
- RF INPUT POWER: 25 WATTS CW MAXIMUM
- PEAK INPUT POWER: 250 WATTS MAXIMUM*
- RF LEAKAGE: +15 dBm TYPICAL
- RECOVERY TIME: 100 ns TYPICAL
- INSERTION LOSS @ -20 dBm INPUT POWER: 2.5 dB MAXIMUM
- VSWR @ -20 dBm INPUT POWER: 2.0:1 MAXIMUM
- CONNECTORS: SMA (M/F)
- SIZE (EXCLUDING CONNECTORS): 25.4mm x 25.4mm x 10.16mm
- FINISH: GOLD PLATED

* = @ 10% DUTY CYCLE & 40 μs PULSE WIDTH TYPICAL

ENVIRONMENTAL RATINGS
- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: -65 °C TO +125 °C (NON-OPERATING)
- SHOCK: MIL-STD-202, METHOD 103B COND. B
- VIBRATION: MIL-STD-202, METHOD 213B COND. B
- ALTITUDE: MIL-STD-202, METHOD 204D COND. B
- TEMPERATURE CYCLING: MIL-STD-202, METHOD 107A COND. A

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

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PRODUCT FEATURE
LM-1G18G-15-25W-SMF
1.0 to 18.0 GHz High Power Limiter

APPROVALS
DRAWN
REVIEWED
ISSUED

PRODUCT NO.
05XQR
PRELIMINARY

SCALE
N/S
SHEET
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