DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER PSMT–LM–50M6G–100W IS A RF LIMITER THAT OPERATES OVER THE 20 MHZ TO 6.0 GHZ FREQUENCY RANGE.

SPECIFICATIONS:
- FREQUENCY:................. 20 MHZ TO 6.0 GHZ
- PEAK INPUT POWER:......... 110 W (10 μs PULSE WIDTH, 10% DUTY CYCLE) AT 85 DEGREES C
- CW INPUT POWER:............ 85 WATTS @ 25 DEGREES C
- CW INPUT POWER:............ 70 WATTS @ 85 DEGREES C
- MAX FLAT LEAKAGE:.......... 17 dBm TYP @ 1 WATT INPUT (CW POWER)
- PULSE RECOVERY:............. 40 ns MAX
- MAX INSERTION LOSS:........ 0.85 dB
- MAX VSWR:................... 2.0:1
- CASE STYLES:............... QFN
- LIMITER TYPE:............... SURFACE MOUNT

PINS | DESCRIPTION
-----|------------------
1, 2, 4-13 | NOT USED / RECOMMEND GND
3 | RF INPUT
15-20 | NOT USED
14 | RF OUTPUT
21 | GND

ENVIRONMENTAL RATINGS
- TEMPERATURE:............... –40°C TO +85°C (OPERATING)
- –55°C TO +150°C (STORAGE)

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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PRODUCT FEATURE
PSMT–LM–20M6G–100W
RF LIMITER

SCALE N:S
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