

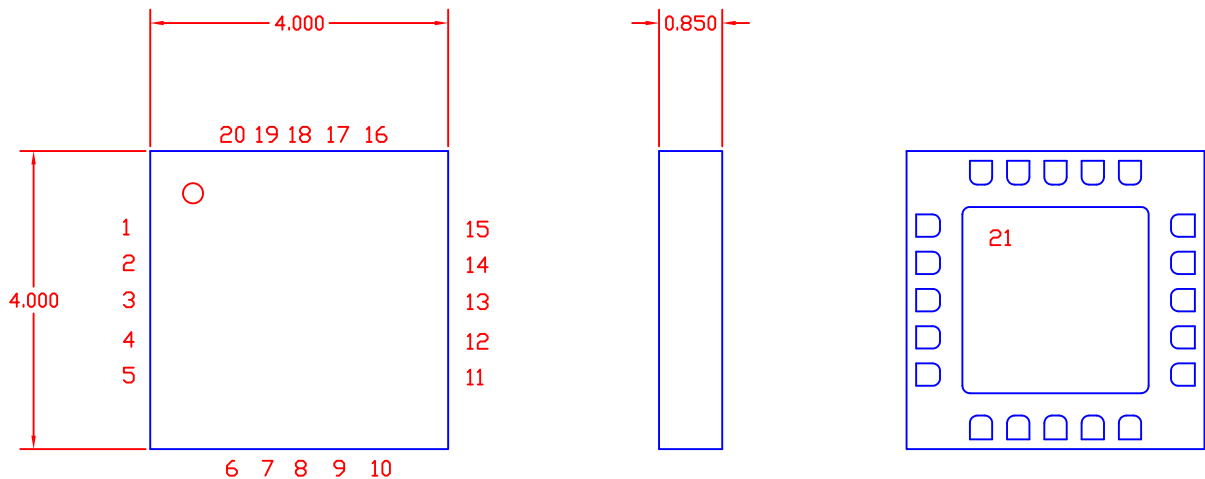
DESCRIPTION:

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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/25/21	

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)

ALL DIMENSIONS ARE IN MILLIMETERS
 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>JPH</i>		2/25/21	PRODUCT FEATURE PSMT-LM-20M6G-100W RF LIMITER		
REDRAWN			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1
					REV. 1