

LPM6514 SERIES

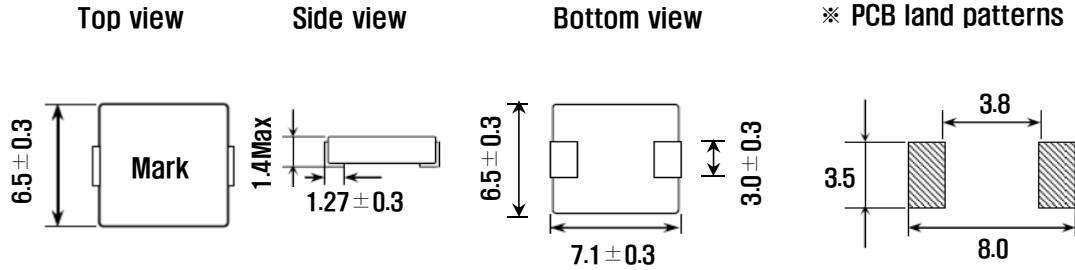


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LPM6514 SERIES

■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

Unit:mm



■ ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [μ H]	Tolerance (%)	Freq. (kHz)	Rdc(m Ω)		Isat(A)		Irms(A)	
				Max.	Typ.	Max.	Typ.	Max.	Typ.
LPM6514T - 1R5M	1.50	$\pm 20\%$	100	38.5	32.0	8.8	10.1	4.0	5.3

▼ Test Equipments

- Inductance measured : Agilent E4980A Precision LCR Meter or equivalent(100kHz, 0.5V)
- Rdc : HIOKI 3540 m Ω HiTESTER or equivalent
- Isat(The saturation current) : $\Delta L \leq 20\%$ reduction from initial L value

Agilent 4284A LCR Meter + Agilent 42841A Bias Current Source
+ 42842B Bias current test Fixture or equivalent

- Irms(The temperature rise): $\Delta T = 40^\circ\text{C}$ typical at rated DC current

Agilent 6692A DC Power Supply + Yokogawa DR130 Hybrid Recorder
or equivalent

※ Rated DC current(I_{dc}) : The value of Isat or Irms , whichever is smaller

▼ Operating Temperature Range

-40 ~ +125°C (Including self-generated heat)

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before your order and/or use.