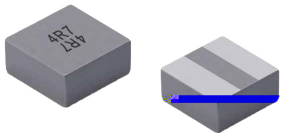
SPM Series

SMT Power Metal Inductor

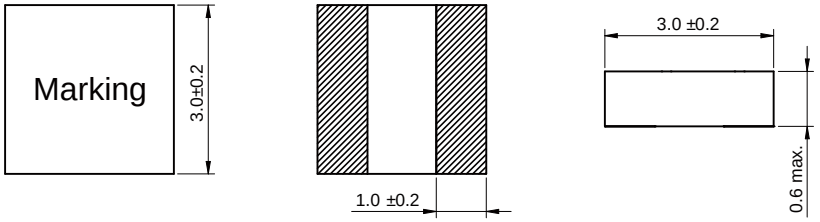
Size 3006



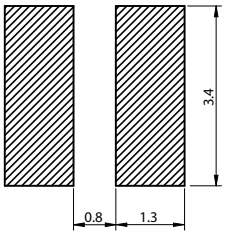
FEATURES

- Large current,Low DC-resistance,High e ciency by magne c metal powder
- Low acous c noise and low leakage flux noise by shielded construc on
- Opera ng temperature: -40℃~125℃
- Quan ty: 1000 pcs/reel

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

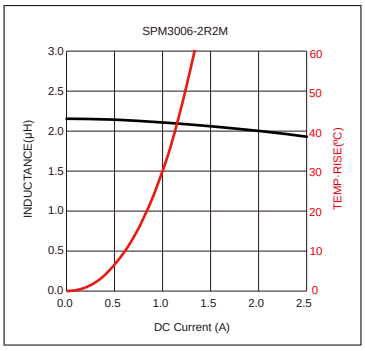
Part No	Inductance (μH)	Tolerance	Temperature Rise Current Max. (A)	Saturation Current Max. (A)	DCR Max. (mΩ)	DCR Typ. (mΩ)
SPM3006-2R2M	2.2	± 20%	1.10	2.1	306	266
SPM3006-3R3M	3.3	± 20%	0.90	1.9	440	385
SPM3006-4R7M	4.7	± 20%	0.69	1.7	715	621

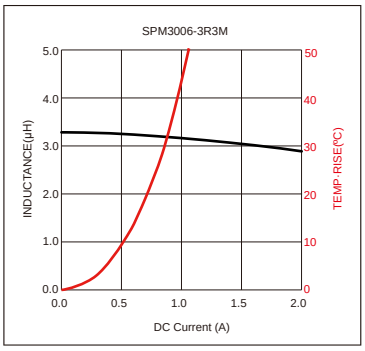
Inductance is mesured at 100kHz,1V

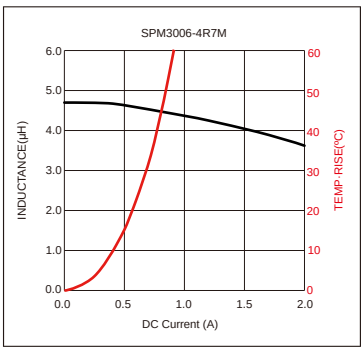
Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃

Satura on Current that will cause ini al inductance to drop approximately 20%

Typical Electrical Characteristics:







KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com