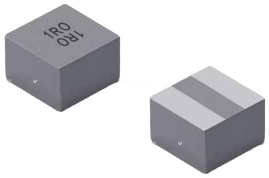
SPM Series

SMT Power Metal Inductor

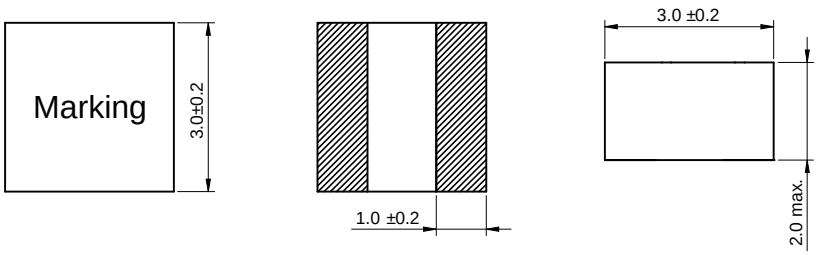
Size 3020



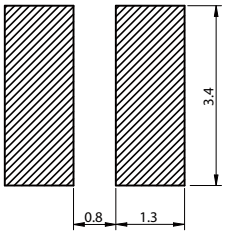
FEATURES

- 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
- AEC-Q200 qualified
- Opera ng temperature: -40℃ ℃
- Quan ty: 1000 pcs/reel

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance (μH)	Tolerance	Temperature Rise Current Max. (A)	Satura on Current Max. (A)	DCR Max. (mΩ)	DCR Typ. (mΩ)
		30%				14
SPM3020-R47N	0.47	30%	4.8			
		30%	4.5			
		20%	4.0	4.2		
		20%		4.0		
		20%				
		20%	2.4			
		20%		3.4	114	
SPM3020-4R7M	4.7	20%				
		20%				
		20%				

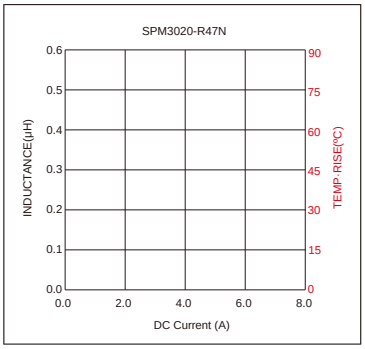
Inductance is mesured at 100kHz,1V

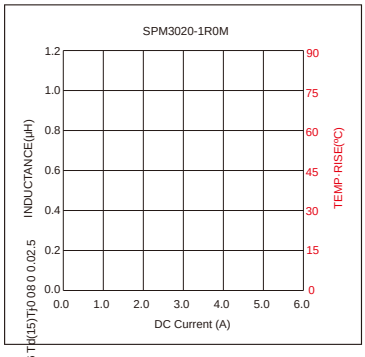
Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃

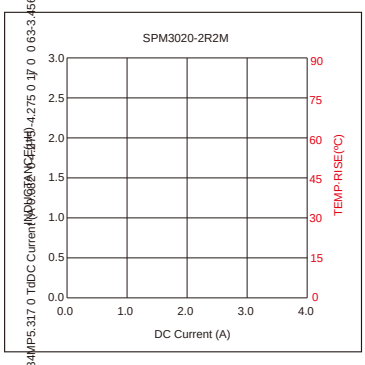
Satura on Current that will cause ini al inductance to drop approximately 20%

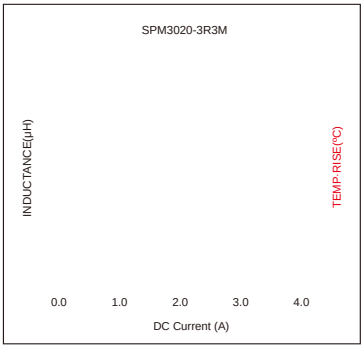
KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

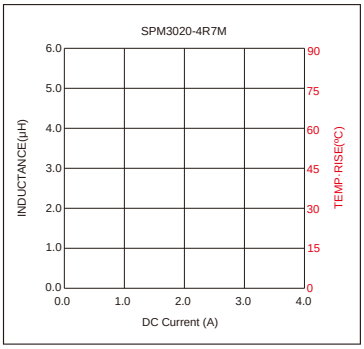
Typical Electrical Characteristics:













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