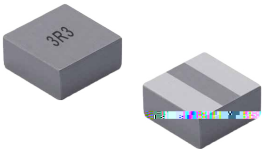
SPM Series

SMT Power Metal Inductor

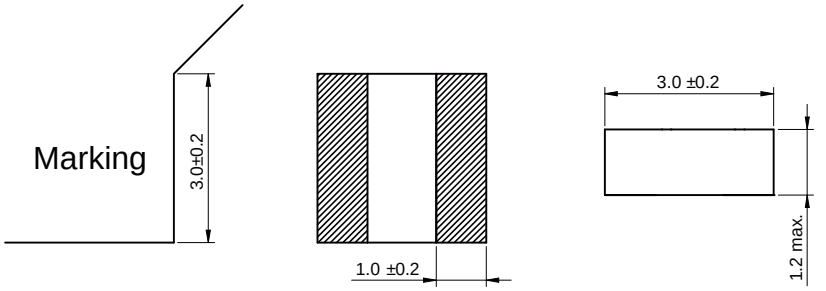
Size 3012



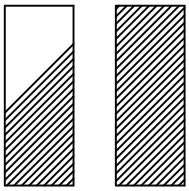
FEATURES

- 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	Tolerance	Temperature Rise Current Max.	Current Max.	DCR Max.	DCR Typ.
		30%	3.4			
SPM3012-R47N	0.47	30%		9.4	26.4	
		30%			34.8	
		30%			43.2	
		20%				42.1
		20%				
		20%		4.7		
		20%		4.6		
		20%				
SPM3012-4R7M	4.7	20%				
		20%				
		20%		2.4	423.4	

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: