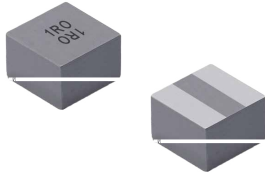


SPM Series

SMT Power Metal Inductor

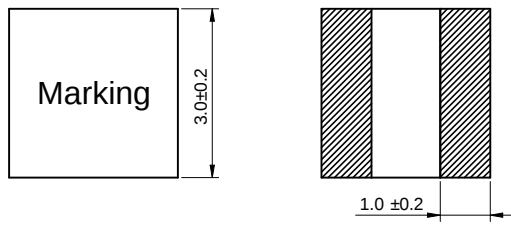
Size 3020



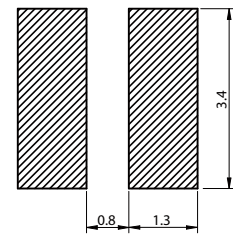
FEATURES

- Large current, Low DC-resistance, High efficiency by magnetic metal powder
- Low acoustic noise and low leakage flux noise by shielded construction
- AEC-Q200 qualified
- Operating temperature: -40 °C ~ 125 °C
- Quantity: 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)
		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 measured at 100kHz, 1V

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

Saturation Current that will cause initial inductance to drop approximately 20%

Typical Electrical Characteristics:

