

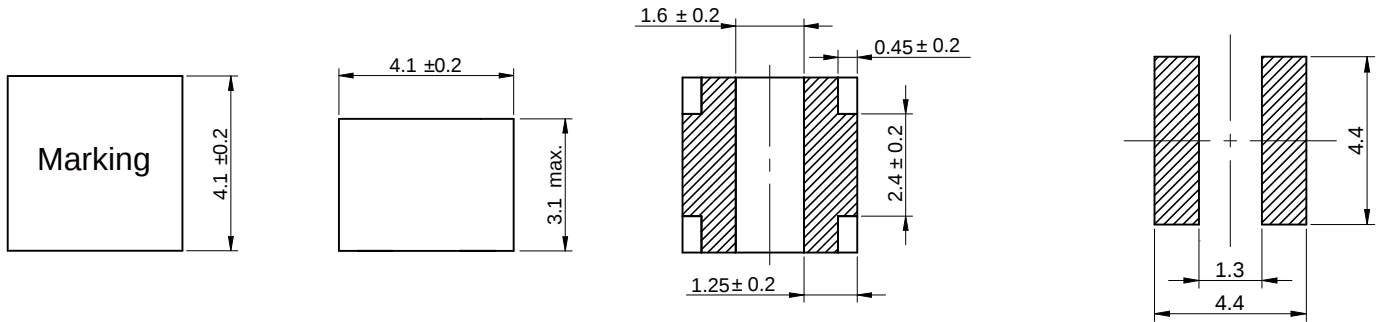
SMT Power Metal Inductor Size 4030



- Large current, Low DC-resistance, High efficiency by magnetic metal powder
- Low acoustic noise and low leakage flux noise by shielded construction
- Operating temperature: -40 °C ~ 125 °C
- Quantity: 700 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)
SPM4030-1R0M	1.0	20%	7.00	7.40		
SPM4030-1R5M	1.5	20%	5.90	6.60	20	
SPM4030-2R2M	2.2	20%	5.00	6.00	27	
SPM4030-4R7M	4.7	20%	3.80	5.10	48	40
SPM4030-5R6M	5.6	20%	3.60	5.00		47
SPM4030-6R8M	6.8	20%	2.90	4.40	84	70
SPM4030-100M	10	20%	2.40	3.50	120	100

Temperature rise current: the actual value of DC current when the temperature rise is $\Delta T 40^{\circ}\text{C}$
 Saturation Current that will cause initial inductance to drop approximately 20%

