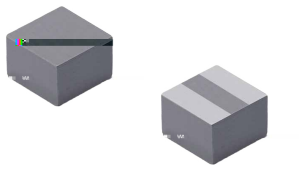
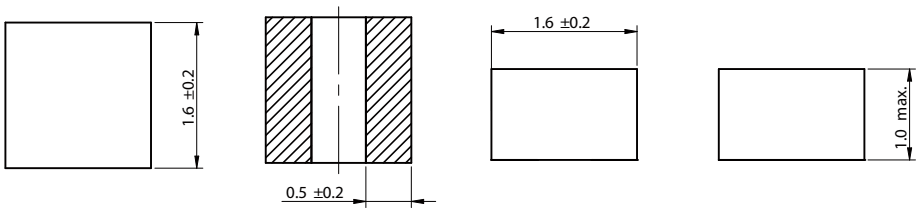
SMT Power Metal Inductor
Size 1610

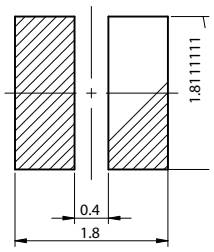


- Large current,Low DC-resistance,High e ciency by magne c metal powder
- Low acous c noise and low leakage flux noise by shielded construc on
- Opera ng temperature: -40℃ ℃
- Quan ty: 3000 pcs/reel
- AEC-Q200 qualified

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Temperature Rise Current Max.	Current Max.	DCR Max.	DCR Typ.
SPM1610-R33N	0.33	30%	1.90	4.20	84	
SPM1610-R47N	0.47	30%	1.70	3.90	101	
SPM1610-R56N	0.56	30%		3.50	113	90
SPM1610-R68N	0.68	30%		3.30		101
SPM1610-R82N	0.82	30%	1.45	2.90	144	
SPM1610-1R0N	1.0	30%	1.40	2.70		
SPM1610-1R2N		30%	1.30	2.60	174	140
SPM1610-1R5N		30%	1.10	2.40	237	
SPM1610-2R2N		30%	0.90	2.00	388	337

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:

