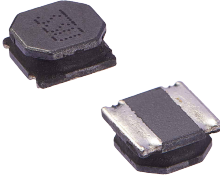


NRSA Series

SMD Power Inductors For Automotive

Size 6020



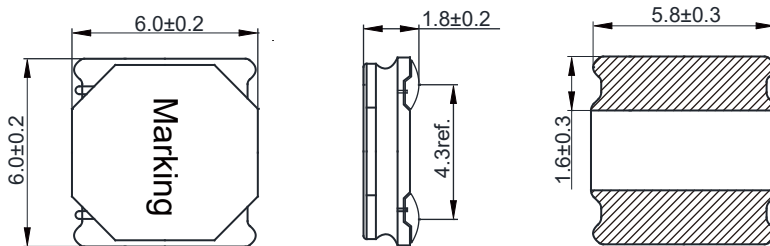
FEATURES

- Magnetic shield type wound inductor for power circuits using a ferrite magnetic material
- High magnetic shield construction and compatible with high-density mounting.
- Larger current and lower Rdc were achieved by optimizing the ferrite core figure.
- Operating temperature: -55 to +125°C(including self-temperature rise)
- AEC-Q200 qualified
- Quantity: 2000pcs

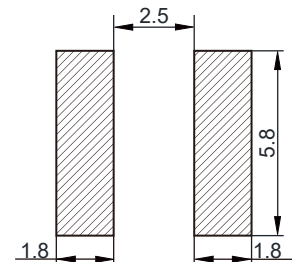
APPLICATION

- Car navigation, car stereo and car accessories only

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

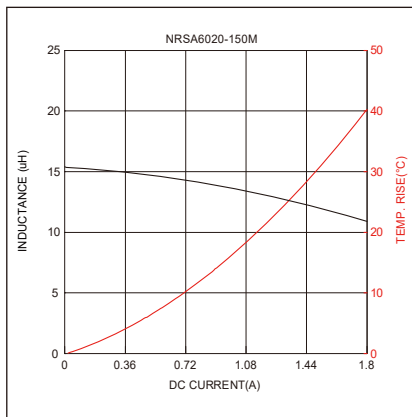
Part No	L@100KHz/1V (μH)	Tolerance	I _{SAT} Typ. (A)	I _R Typ. (A)	R _{DC} ±20% (mΩ)
NRSA6020-150M	15	±20%	1.50	1.60	138

I_R will cause the coil temperature rise approximately Δt40℃

I_{SAT} will cause L to drop approximately 30% .

				UNIT: MM	KOHER elec KOHER (Shanghai) Electronic Co.,Ltd
				SHEET: 1/2	
				APPROVAL: WS	
A0	19-MAY-23	PDF	WL	SIZE: A4	DESCRIPTION: SMD Low Profile High Current Molded Inductor
REV	DATE	FILE	BY	PACKING UNIT:2000 pcs	PART NO: NRSA6020-150M

Typical Electrical Characteristics:



				UNIT: MM	KOHERelec KOHER (Shanghai) Electronic Co.,Ltd
				SHEET: 2/2	
				APPROVAL: WS	
A0	19-MAY-23	PDF	WL	SIZE: A4	DESCRIPTION: SMD Low Profile High Current Molded Inductor
REV	DATE	FILE	BY	PACKING UNIT: 2000 pcs	PART NO: NRSA6020-150M