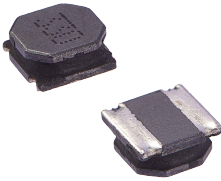


NRSA Series
SMD Power Inductors For Automotive
Size 6020



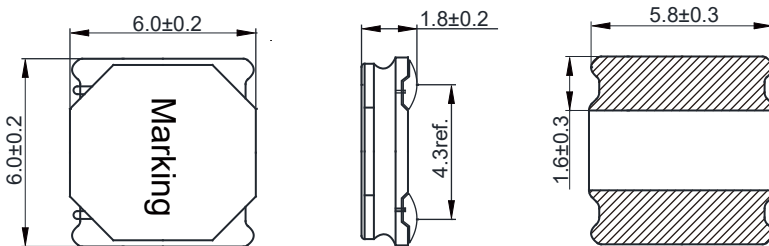
FEATURES

- 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

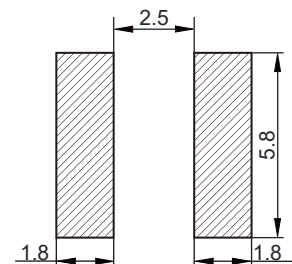
APPLICATION

- Car navigation, car stereo and car accessories only

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

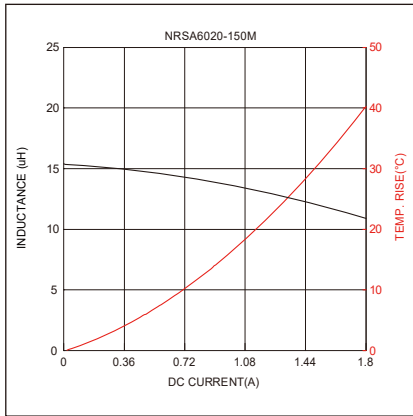
Part No	L@100KHz/1V (μH)	Tolerance	I _{SAT} Typ. (A)	I _R Typ. (A)	R _{DC} ±20% (mΩ)
NRSA6020-150M	15	±20%	1.50	1.60	138

I_R will cause the coil temperature rise approximately Δt40 °C

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

				UNIT: MM	 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

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[MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#)
[1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#)
[RCR110DNP-331L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-](#)
[223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#)
[1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#)