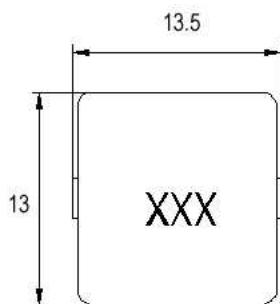


SMD Power Inductors SFN1256 Series

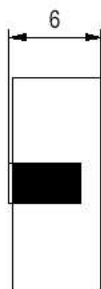


SFN1256 Series ,Miniature size: 12.5mm square 6.0mm max Height,Low DC resistance: Flat wire designed,High magnetic shield construction ,RoHS compliant

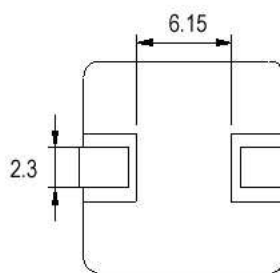
Mainly used by Automotive application(SRS AIR BAG,TRANSMISSION CONTROL.POWER STEERING,CONTROL.BRAKE CONTROL,Notebook.Computer.Motherboard.



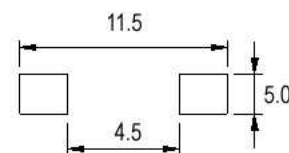
(Top View)



(Side View)



(Bottom View)



SUGGESTION PCB LAYOUT

Sample:XXX-1R0

PART NO	L(uH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
SFN1255H-1R0N-R-S	1.0	3.3	18	100
SFN1255H-1R4N-R-S	1.4	4.3	16	100
SFN1255H-2R3N-R-S	2.3	5.4	14	100
SFN1255H-3R2N-R-S	3.2	6.2	12	100
SFN1255H-4R2N-R-S	4.2	8.8	10	100

1. Inductance tested at 100KHz,0.1V;
2. SRF>13MHz measured using Agilent / HP8753D network Analyzer;
3. Inductance drop = 10% typ. at rated Isat;
4. ΔT=40°C rise typ. at Irms;
5. Operating temperature range -40°C to +125°C;
6. Electrical specifications at +25°C;

Special inquiries besides the above common used types can be met on your requirement.

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