MSRH-8D28/8D38/8D43 Chip Inductors

Meisongbei



Features

- Magnetically shielded construction.
- Large Current and Low DCR.

General Specifications

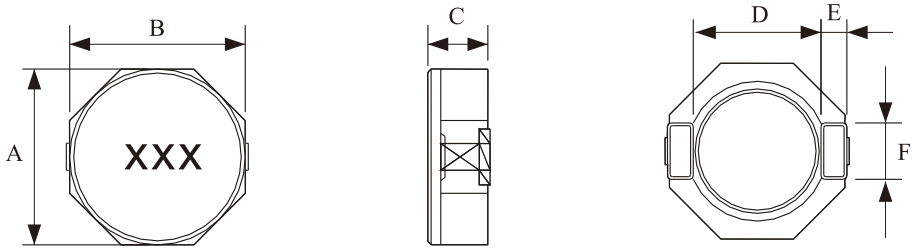
- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +85°C
- Moisture Sensitivity Level(MSL): 1

Applications

- DC-DC converter, LCD television set.
- Notebook, PDA, Mp3, DSC/DVC.
- Portable communication equipments.

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)



Type	A(max)	B(max)	C(max)	D(max)	E	F
MSRH8D28	8.3	8.3	3.0	6.3	1.2	2.5
MSRH8D38	8.3	8.3	4.0	6.3	1.2	2.5
MSRH8D43	8.3	8.3	4.5	6.3	1.2	2.5

Electrical Characteristics For MSRH8D28 Series

Part Number	Inductance [μH]	Test Freq [KHz]	DCR(max) [Ω]	IDC(max) [A]
MSRH8D28-2R5N	2.5	100	0.016	5.40
MSRH8D28-3R3N	3.3	100	0.018	4.80
MSRH8D28-4R7N	4.7	100	0.025	4.00
MSRH8D28-6R8N	6.8	100	0.039	3.20
MSRH8D28-100N	10	100	0.047	2.70
MSRH8D28-150N	15	100	0.069	2.20
MSRH8D28-220N	22	100	0.099	1.80
MSRH8D28-330N	33	100	0.156	1.40
MSRH8D28-470N	47	100	0.195	1.25
MSRH8D28-680N	68	100	0.286	0.96
MSRH8D28-101N	100	100	0.430	0.78

Electrical Characteristics For MSRH8D38 Series

Part Number	Inductance [μH]	Test Freq [KHz]	DCR(max) [Ω]	IDC(max) [A]
MSRH8D38-2R0N	2.0	100	0.014	6.4
MSRH8D38-3R9N	3.9	100	0.019	5.0
MSRH8D38-4R7N	4.7	100	0.022	4.6
MSRH8D38-6R8N	6.8	100	0.025	3.2
MSRH8D38-100N	10	100	0.036	3.3
MSRH8D38-150N	15	100	0.053	2.8
MSRH8D38-220N	22	100	0.075	2.3
MSRH8D38-330N	33	100	0.125	1.6
MSRH8D38-470N	47	100	0.150	1.4
MSRH8D38-680N	68	100	0.240	1.2
MSRH8D38-101N	100	100	0.360	0.9

Electrical Characteristics For MSRH8D43 Series

Part Number	Inductance [μH]	Test Freq [KHz]	DCR(max) [Ω]	IDC(max) [A]
MSRH8D43-2R0N	2.0	100	0.014	7.0
MSRH8D43-3R9N	3.9	100	0.019	5.9
MSRH8D43-4R7N	4.7	100	0.022	4.6
MSRH8D43-6R8N	6.8	100	0.025	4.6
MSRH8D43-100N	10	100	0.036	3.6
MSRH8D43-150N	15	100	0.053	2.6
MSRH8D43-220N	22	100	0.075	2.1
MSRH8D43-330N	33	100	0.125	1.6
MSRH8D43-470N	47	100	0.150	1.8
MSRH8D43-680N	68	100	0.240	1.5
MSRH8D43-101N	100	100	0.360	1.3