

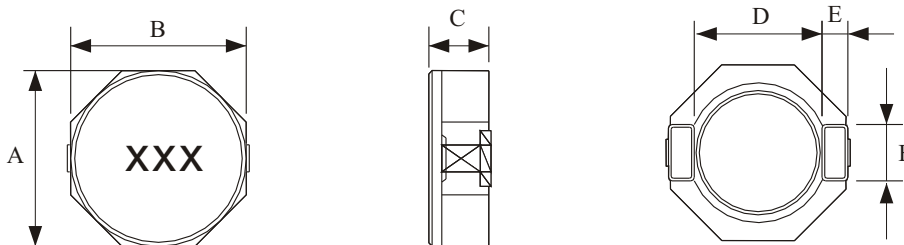
Features

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

Applications

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

► 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

Note: Design as Customer's Requested Specifications.

► Electrical Characteristics For MSRH8D28 Series

Part Number	Inductance [μ H]	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 [μ H]	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 [μ H]	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