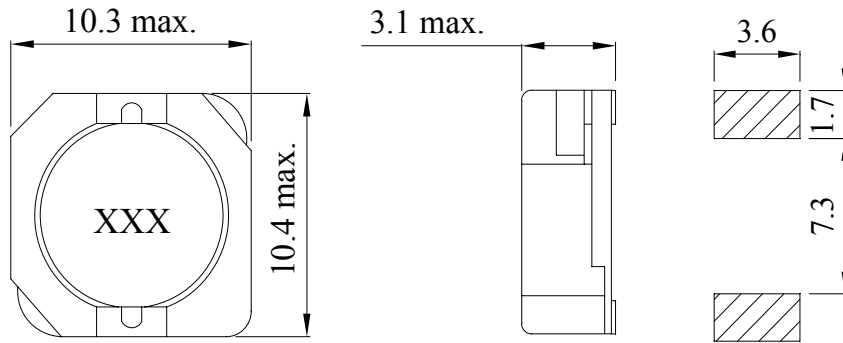


SMD POWER INDUCTOR

【SDRH103R-SERIES】

DIMENSIONS & RECOMMENDED PATTERN

Land Pattern



Unit: mm

※ FEATURES

- Applications : DC to DC converters for transformers, LCD TV, notebook, VCR camera

SELECTION GUIDE FOR STANDARD COILS

SDE Part Number	Inductance	Tolerance	DC Resistance	Inductance Decrease Current	Temperature Rise Current
	(μ H)	(%)	(Ω) Max	(A) Max	(A) Max
SDRH103R - 0R8N	0.8	$\pm 30\%$	0.0057	11.20	8.30
SDRH103R - 1R5N	1.5	$\pm 30\%$	0.0110	8.00	5.80
SDRH103R - 2R2N	2.2	$\pm 30\%$	0.0169	6.70	5.10
SDRH103R - 3R3N	3.3	$\pm 30\%$	0.0210	5.56	4.70
SDRH103R - 4R7N	4.7	$\pm 30\%$	0.0300	4.65	4.00
SDRH103R - 6R8N	6.8	$\pm 30\%$	0.0350	3.84	3.60
SDRH103R - 8R2N	8.2	$\pm 30\%$	0.0500	3.54	3.00
SDRH103R - 100N	10.0	$\pm 30\%$	0.0590	3.18	2.80
SDRH103R - 150N	15.0	$\pm 30\%$	0.0910	2.60	2.05
SDRH103R - 220N	22.0	$\pm 30\%$	0.1430	2.16	1.60
SDRH103R - 330N	33.0	$\pm 30\%$	0.2020	1.74	1.35
SDRH103R - 470N	47.0	$\pm 30\%$	0.2990	1.43	1.20
SDRH103R - 560N	56.0	$\pm 30\%$	0.3250	1.36	1.15
SDRH103R - 680N	68.0	$\pm 30\%$	0.4290	1.22	0.95
SDRH103R - 820N	82.0	$\pm 30\%$	0.4940	1.14	0.80
SDRH103R - 101N	100.0	$\pm 30\%$	0.6830	1.02	0.70
SDRH103R - 121N	120.0	$\pm 30\%$	0.7540	0.89	0.65
SDRH103R - 151N	150.0	$\pm 30\%$	0.8710	0.84	0.51

※ GENERAL SPECIFICATION:

- Inductance drop =35% typ. at IDC.
- $\Delta T=40^{\circ}\text{C}$ rise at IDC.
- Operating Temperature : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Test Freq. : 100KHz / 0.1V.