

SCR Series

SCR 0401 Type

FEATURES

- ⊙ High-Current, Low DCR.
- ⊙ App: DC-DC converters, OA, IA, 3C app
- ⊙ Super-Thin 1.1mm height.



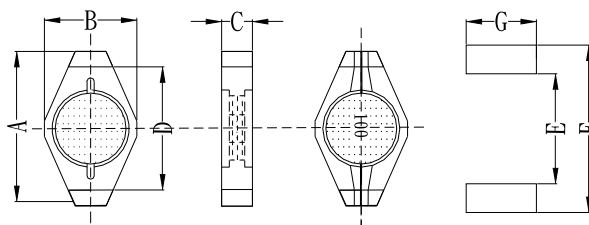
ELECTRICAL CHARACTERISTICS

- ⊙ Tested at 100 kHz, 0.1Vrms.
- ⊙ Inductance drop = 10% typ. at rated Isat.
- ⊙ $\Delta T=40^{\circ}\text{C}$ rise typ. at Irms.
- ⊙ Operating temperature range $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- ⊙ Electrical specifications at 25°C

STANDARD ELECTRICAL SPECIFICATION

Part number	Inductance [μH]	Inductance Tolerance	DC Resistance [Ω] (max.)	S.R.F ref (MHz)	Isat (A)	Irms (A)
1R2	1.2	$\pm 20\%$	0.08	190	2.10	3.60
1R5	1.5		0.10	140	1.90	2.80
2R2	2.2		0.12	115	1.60	2.40
3R3	3.3		0.16	90	1.30	2.00
4R7	4.7		0.20	88	1.10	1.70
6R8	6.8		0.32	66	0.90	1.20
100	10.0		0.41	55	0.80	1.10
150	15.0		0.55	42	0.65	0.90
220	22.0		0.85	38	0.50	0.83
330	33.0		1.30	29	0.40	0.62
470	47.0		1.80	22	0.35	0.52
680	68.0		2.50	18	0.30	0.35
101	100.0		3.50	14	0.25	0.27
151	150.0		5.00	12	0.18	0.24
221	220.0		7.00	10	0.16	0.23
331	330.0		15.00	8	0.13	0.13

CONSTRUCTION



DIMENSIONS : mm

A	B	C	D	E	F	G
6.60 max.	5.50 max.	1.15 max.	5.10 max.	4.10 ref.	7.00 ref.	3.60 ref.