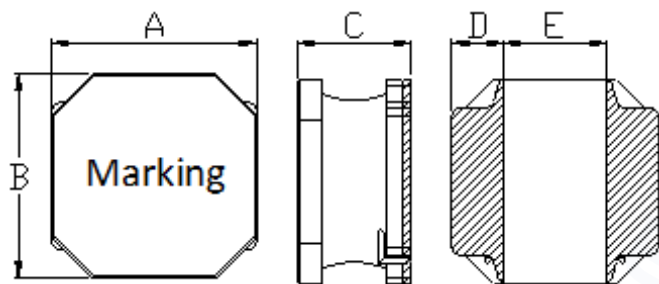


# SMD Power Inductor

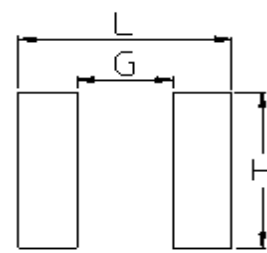


## Dimension (Unit:mm)



A	B	C	D	E
6.0±0.3	6.0±0.3	4.7 Max.	1.7±0.3	2.6±0.3

## Land Pattern (Unit:mm)



L	G	H
6.0	2.4	5.7

## Specifications

Part Number	Inductance (μH)	Tolerance (±)	DCR (mΩ) ±30%	Isat (A) Max.	Itemp (A) Max.	SRF (Min) (MHz)
EPNR6045-1R0N	1.0	30%	11	9.85	5.14	100
EPNR6045-1R2N	1.2	30%	12	9.40	5.05	90
EPNR6045-1R5N	1.5	30%	12	8.80	4.95	65
EPNR6045-1R8N	1.8	30%	13	8.00	4.80	60
EPNR6045-2R2N	2.2	30%	14	6.75	4.60	52
EPNR6045-3R3N	3.3	30%	21	5.90	3.70	32
EPNR6045-4R7M	4.7	20%	26	4.97	3.30	24
EPNR6045-5R6M	5.6	20%	29	4.15	3.15	23
EPNR6045-6R8M	6.8	20%	31	3.90	3.00	20
EPNR6045-8R2M	8.2	20%	43	3.90	2.60	21
EPNR6045-100M	10	20%	48	3.20	2.45	15
EPNR6045-150M	15	20%	68	2.50	2.05	12
EPNR6045-220M	22	20%	89	2.05	1.80	10
EPNR6045-330M	33	20%	137	1.65	1.45	7.8
EPNR6045-470M	47	20%	200	1.40	1.20	6.4
EPNR6045-560M	56	20%	221	1.30	1.10	6.4
EPNR6045-680M	68	20%	289	1.20	1.00	6.4
EPNR6045-101M	100	20%	433	0.95	0.80	4.2
EPNR6045-121M	120	20%	484	0.85	0.77	4.2
EPNR6045-151M	150	20%	580	0.80	0.70	4.2
EPNR6045-221M	220	20%	834	0.70	0.59	.5
EPNR6045-331M	330	20%	1270	0.57	0.57	2.8
EPNR6045-471M	470	20%	1800	0.50	0.42	2.0
EPNR6045-681M	680	20%	2500	0.42	0.33	1.7
EPNR6045-102M	1000	20%	4500	0.30	0.30	1.4
EPNR6045-152M	1500	20%	6500	0.24	0.21	0.8

- Inductance Tested at 100kHz, 1Vrms (20°C)
- Isat: When based on the inductance change rate (approximately 30% below in the initial value)
- Operating Temperature Range(including self temperature) : -25°C ~ +125°C



Balun Transformer | Coupler | Divider | Inductor | Choke | Bead Air Coil | LAN Transformer