

SMD HIGH CURRENT INDUCTORS



MODEL NO. : SRC-12456 HF SERIES

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



APPLICATION :

- * DC/DC CONVERTER IN POWER REGULATION SYSTEM. * ROUTERS. * VGA CARD.

ELECTRICAL SPECIFICATION :

PART NO	INDUCTANCE (uH) ±20%	DCR ±10% (mΩ)	INDUCTANCE (μ H)TYP @ TEMPERATURE RISE CURRENT	TEMPERATURE RISE CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 3)
SRC-12456-R50 HF	0.5	0.72	0.47	30	37
SRC-12456-1R0 HF	1.0	1.80	0.94	22	28
SRC-12456-1R5 HF	1.5	2.63	1.48	17	25
SRC-12456-1R8 HF	1.8	2.63	1.62	17	21
SRC-12456-2R2 HF	2.2	2.63	1.7	17	18
SRC-12456-3R3 HF	3.3	4.40	2.8	13.5	15
SRC-12456-4R7 HF	4.7	6.30	3.8	11.5	12.5
SRC-12456-5R6 HF	5.6	9.00	5.1	9.0	12
SRC-12456-6R8 HF	6.8	11.0	6.4	8.3	11
SRC-12456-7R2 HF	7.2	11.0	6.6	7.6	7.8
SRC-12456-8R0 HF	8.0	9.00	7.8	7.6	9.0
SRC-12456-100 HF	10	17.8	9.3	6.3	8.5
SRC-12456-120 HF	12	18.0	11	6.3	8.3

NOTE(1): Measuring condition : 100 KHZ, 0.1Vrms .

NOTE(2): Δ T=40°C approximately under the temperature rise current.

NOTE(3): The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance.

NOTE(4): Operating temperature range: -40°C~+125°C.

NOTE(5): Storage time :The recommended storage time of Inductor is maximum 12 months, and don't suggest to use the parts over 12 months

PHYSICAL DIMENSION : (Unit : mm)



