

Product Specification

Number: RNP18-SP54-XXXX
Name: SMD Power Inductors
Specification: _____
Customer: _____
Date: 2024-06-18

Customer Signature:



Compile	Check	Review	Approval
Jenny	Jack.C		

SP54 SERIES

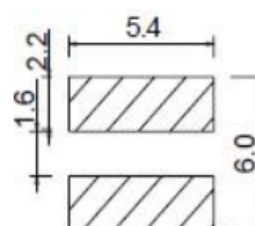
FEATURES/特点

- Excellent solderability and high heat resistance.
- Suitable for large currents.
- Is applicable to a wide range of DC-DC converters ideal For (DVD;DSC;phone; PDA;GPS;CMMB; Digital photo, Frame, telephone; CAR AV equipment and so on.)
- Current Rating: Based on the largest decline in ICP to 35 percent, and the temperature does not exceed 40degrees.
- Measuring frequency: 100KHz/0.25V

DIMENSIONS(mm) 外型尺寸



LAND PATTERNS(mm) 焊盘尺寸



ORDER INFORMATION

RNP18-SP 54 - XXX X

Accuracy: M: $\pm 20\%$ F: $\pm 10\%$

Inductance

Size: RNP18-SP54: $5.2 \times 5.8 \text{mm} \times 4.5 \text{mm}$

Type: RNP18-SP

Type 型号	Indicate 表示	Inductance 电感量 (μH)	D. C. R (Max) 直流电阻 ($\text{m}\Omega$)	Saturation Current 饱和电流 (A)
SP54-2R2M	2R2	$2.2 \mu\text{H} \pm 20\%$	27	4.50
SP54-4R7M	4R7	$4.7 \mu\text{H} \pm 20\%$	40	3.00
SP54-6R8M	6R8	$6.8 \mu\text{H} \pm 20\%$	80	2.50
SP54-100K	100	$10 \mu\text{H} \pm 10\%$	100	1.44
SP54-120M	120	$12 \mu\text{H} \pm 20\%$	120	1.55
SP54-150K	150	$15 \mu\text{H} \pm 10\%$	140	1.30
SP54-220K	220	$22 \mu\text{H} \pm 10\%$	180	1.11
SP54-330K	330	$33 \mu\text{H} \pm 10\%$	230	0.88
SP54-470K	470	$47 \mu\text{H} \pm 10\%$	370	0.72
SP54-680K	680	$68 \mu\text{H} \pm 10\%$	460	0.61
SP54-101K	101	$100 \mu\text{H} \pm 10\%$	600	0.52
SP54-151K	151	$150 \mu\text{H} \pm 10\%$	1100	0.40
SP54-221K	221	$220 \mu\text{H} \pm 10\%$	1570	0.35
SP54-331K	331	$330 \mu\text{H} \pm 10\%$	2200	0.30

- Design according to customer requirements.
- Data recorded for reference only, all to provide samples of business shall prevail.
- Recorded content may be improved or changed without notice.