

Product Specification

Number: RNP18-NR5040-XXXX

Name: SMD Power Inductors

Customer: _____

Date: 2025-04-02

Customer Signature:



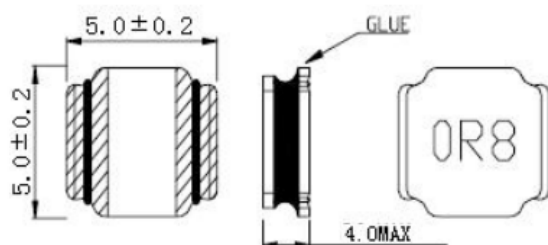
Compi	Check	Review	Approva
Jenny	Jack.C		

	Part name	SMD Power Inductors	Date	2025-04-02
	Part number	RNP18-NR5040-XXXX	Edition	V1
	Department		Page	2 / 2

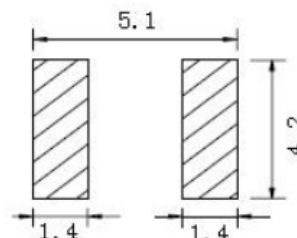
FEATURES/特点

- 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



Type 型号	Indicate 表示	Inductance 电感量 (μH)	D. C. R (Max) 直流电阻 (mΩ)	Saturation Current 饱和电流 (A)
RNP18-NR5040-1R0N	1R0	1.0μH ± 30%	12	7.35
RNP18-NR5040-1R5N	1R5	1.5μH ± 30%	15	6.30
RNP18-NR5040-2R2M	2R2	2.2μH ± 20%	19	4.90
RNP18-NR5040-2R7M	2R7	2.7μH ± 20%	22	4.30
RNP18-NR5040-3R3M	3R3	3.3μH ± 20%	24	3.95
RNP18-NR5040-3R9M	3R9	3.9μH ± 20%	27	3.55
RNP18-NR5040-4R7M	4R7	4.7μH ± 20%	30	3.50
RNP18-NR5040-6R8M	6R8	6.8μH ± 20%	43	2.90
RNP18-NR5040-100M	100	10μH ± 20%	64	2.35
RNP18-NR5040-150M	150	15μH ± 20%	86	2.00
RNP18-NR5040-220M	220	22μH ± 20%	129	1.60
RNP18-NR5040-330M	330	33μH ± 20%	188	1.30
RNP18-NR5040-470M	470	47μH ± 20%	272	1.10
RNP18-NR5040-680M	680	68μH ± 20%	400	0.90
RNP18-NR5040-101M	101	100μH ± 20%	560	0.75

- 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.