

Product Specification

Number: RNP18-SP43-101K
Name: Fixed inductors for surface mounting
Customer: D44
Date: 2024-04-15

Customer Signature:



Compi	Check	Review	Approva
Jenny	Jack.C		

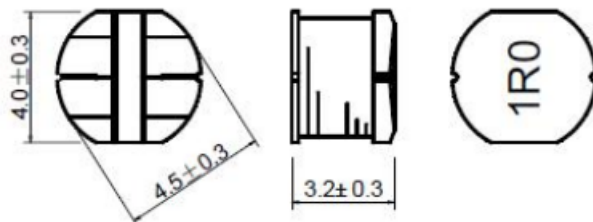
Fixed inductors for surface mounting

SP43 SERIES

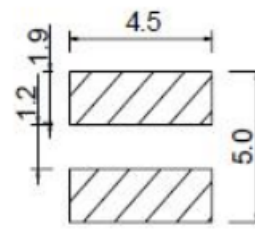
FEATURES/特点

- 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



Type 型号	Indicate 表示	Inductance 电感量 (μ H)	D. C. R (Max) 直流电阻 ($m\Omega$)	Saturation Current 饱和电流 (A)
SP43-1R0M	1R0	1.0 μ H \pm 20%	48.5	2.70
SP43-2R2M	2R2	2.2 μ H \pm 20%	71.0	2.25
SP43-3R3M	3R3	3.3 μ H \pm 20%	86.0	2.00
SP43-4R7M	4R7	4.7 μ H \pm 20%	108	1.62
SP43-6R8M	6R8	6.8 μ H \pm 20%	130	1.43
SP43-100K	100	10 μ H \pm 10%	180	1.05
SP43-220K	220	22 μ H \pm 10%	375	0.68
SP43-330K	330	33 μ H \pm 10%	540	0.56
SP43-470K	470	47 μ H \pm 10%	845	0.44
SP43-101K	101	100 μH \pm 10%	1190	0.29
SP43-151K	151	150 μ H \pm 10%	1860	0.23
SP43-221K	221	220 μ H \pm 10%	2850	0.18
SP43-331K	331	330 μ H \pm 10%	3980	0.13

- 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.