

SHIELDED POWER INDUCTORS

MEC series: SP124



- High reliability
- Size: 12.5x12.5x4.5mm
- Inductance Range: 0.47uh – 330uh
- Saturation Current Range: 0.92A – 24.40A
- ROHS & REACH compliant, halogen and lead free.

[SP125 Series](#)
[SP127 Series](#)
[SP129 Series](#)

Temperature Range: -40°C to +125°C.

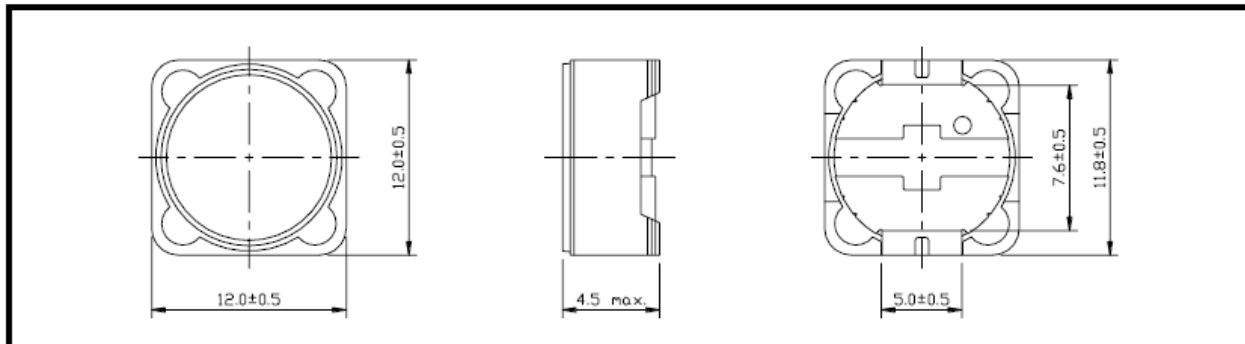
Reel Quantity: 500pcs

Applications: Noise filter, IPC server, portable devices, DC/DC converter

Part Number	Inductance (μH)	DCR (mΩ) (Max)	Isat (A) (Max)	Irms (A) (Max)	Test Frequency
SP124-R47M	0.47±30%	27	24.4	16.0	100KHz/0.25V
SP124-1R0N	1.0±30%	36	18	13.9	100KHz/0.25V
SP124-1R5N	1.5±30%	51	14	11.1	100KHz/0.25V
SP124-2R2N	2.2±30%	71	11.45	9.1	100KHz/0.25V
SP124-3R9N	3.9±30%	15	8.4	7.0	100KHz/0.25V
SP124-4R7N	4.7±30%	16.2	7.65	6.5	100KHz/0.25V
SP124-6R8N	6.8±30%	21.7	6.47	5.6	100KHz/0.25V
SP124-8R2N	8.2±30%	26	6.22	5.2	100KHz/0.25V
SP124-100M	10±30%	28	5.8	4.5	100KHz/0.25V
SP124-120M	12±30%	38	4.96	4.1	100KHz/0.25V
SP124-150M	15±30%	44.8	4.62	3.6	100KHz/0.25V
SP124-180M	18±30%	56.4	4.32	3.4	100KHz/0.25V
SP124-220M	22±30%	64.8	3.83	3.2	100KHz/0.25V
SP124-270M	27±30%	80	3.44	2.8	100KHz/0.25V
SP124-330M	33±30%	97	3.12	2.6	100KHz/0.25V
SP124-390M	39±30%	13.2	2.85	2.3	100KHz/0.25V
SP124-470M	47±30%	15	2.63	2.2	100KHz/0.25V
SP124-560M	56±30%	17.4	2.35	2.0	100KHz/0.25V
SP124-680M	68±30%	22	2.13	1.8	100KHz/0.25V
SP124-820M	82±30%	25.6	1.94	1.7	100KHz/0.25V
SP124-L101M	100±30%	30.8	1.79	1.5	100KHz/0.25V
SP124-L121M	120±30%	37.4	1.65	1.3	100KHz/0.25V
SP124-L151M	150±30%	44.6	1.44	1.3	100KHz/0.25V
SP124-L181M	180±30%	60.2	1.30	1.1	100KHz/0.25V
SP124-L221M	220±30%	67	1.15	1.0	100KHz/0.25V
SP124-L271M	270±30%	87	1.09	0.88	100KHz/0.25V
SP124-L331M	330±30%	99	0.92	0.83	100KHz/0.25V
SP124-L471M	470±30%	14.91	0.74	0.68	100KHz/0.25V
SP124-L681M	680±30%	22.15	0.65	0.56	100KHz/0.25V
SP124-L821M	820±30%	23.51	0.62	0.53	100KHz/0.25V
SP124-F102M	1000±30%	34.77	0.53	0.44	100KHz/0.25V

SHAPES AND DIMENSIONS

UNIT : mm



PACKAGING SPECIFICATION

SERIES

STAYLE

Q'TY (PCS)

DIMENSIONS (m/m)

A

B ± 0.8

C ± 0.5

D

G $^{+0}$

N $^{-0}$

P

Po

T

SP124

13-24

500

330

21

13

24

26

50

16

4

30.4

We can offer competitive lead times and prices compared to other EMI passive suppliers. If you are looking for an alternative component then please do not hesitate to contact one of our [global sales offices](#).

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in the application for suitability.