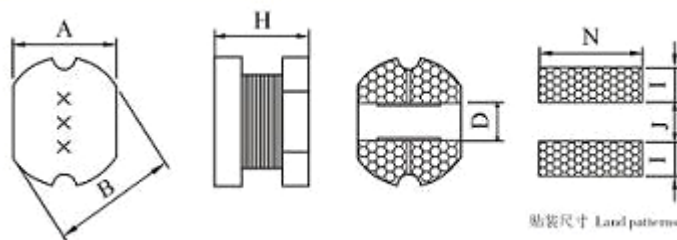


## SP52 Series Dimension Diagram(unit: mm)



TYPE	A(±0.3)	B(±0.3)	H(±0.3)	D	N	I	J
<a href="#">SP52</a>	5.2	5.8	2.1	1.6	5.5	2.5	1.2

## SP52 Series Electrical Characteristics:

PART NO.	L (μH)	L TEST	DCR (Ω)	IDC (A)
	INDUCTANCE	FREQUENCY	MAX	MAX
SP5820-2R2M	2.2	7.96 MHZ	0.039	2.16
SP5820-2R7M	2.7	7.96 MHZ	0.044	2.08
SP5820-3R3M	3.3	7.96 MHZ	0.049	1.90
SP5820-3R9M	3.9	7.96 MHZ	0.056	1.84
SP5820-4R7M	4.7	7.96 MHZ	0.062	1.60
SP5820-5R6M	5.6	7.96 MHZ	0.078	1.44
SP5820-6R8M	6.8	7.96 MHZ	0.091	1.36
SP5820-8R2M	8.2	7.96 MHZ	0.103	1.12
SP5820-100K	10	2.52 MHZ	0.133	1.04
SP5820-120K	12	2.52 MHZ	0.148	0.96
SP5820-150K	15	2.52 MHZ	0.166	0.88
SP5820-180K	18	2.52 MHZ	0.213	0.77
SP5820-220K	22	2.52 MHZ	0.248	0.73
SP5820-270K	27	2.52 MHZ	0.328	0.64
SP5820-330K	33	2.52 MHZ	0.378	0.58
SP5820-390K	39	2.52 MHZ	0.438	0.54
SP5820-470K	47	2.52 MHZ	0.546	0.49

SP5820-560K	56	2.52 MHZ	0.621	0.45
SP5820-680K	68	2.52 MHZ	0.715	0.41
SP5820-820K	82	2.52 MHZ	1.000	0.35
SP5820-101K	100	1 KHZ	1.070	0.34
SP5820-121K	120	1 KHZ	1.250	0.32
SP5820-151K	150	1 KHZ	1.660	0.26
SP5820-181K	180	1 KHZ	1.900	0.23
SP5820-221K	220	1 KHZ	2.440	0.21
SP5820-271K	270	1 KHZ	2.730	0.19

**Notes:**

**1, the inductance tolerance: J +5%; K +10%; L +15%; M +20%, customers can choose according to their own conditions, inductance tolerance!**

**2, if the standard exceeds the requirements of the above, you can also customize the product according to customer's needs!**

