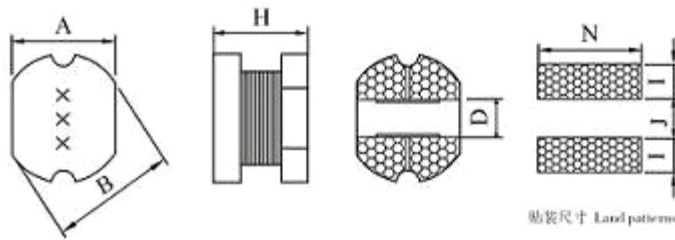


SMD Power Inductors

SP75 Series Dimension Diagram(unit: mm)



TYPE	A(± 0.3)	B(± 0.3)	H(± 0.3)	D	N	I	J
SP75	7.0	7.8	5.0	2.1	7.5	3.5	1.5

SP75 Series Electrical Characteristics:

PART NO	L (μH)	L TEST	DCR (Ω)	I DC (A)
	INDUCTANCE	FREQUENCY	MAX	MAX
SP7850-100M	10	2.52 MHz	0.07	2.30
SP7850-120M	12	2.52 MHz	0.08	2.00
SP7850-150M	15	2.52 MHz	0.09	1.80
SP7850-180M	18	2.52 MHz	0.10	1.60
SP7850-220K	22	2.52 MHz	0.11	1.50
SP7850-270K	27	2.52 MHz	0.12	1.30
SP7850-330K	33	2.52 MHz	0.13	1.20
SP7850-390K	39	2.52 MHz	0.16	1.10
SP7850-470K	47	2.52 MHz	0.18	1.10
SP7850-560K	56	2.52 MHz	0.24	0.94
SP7850-680K	68	2.52 MHz	0.28	0.85
SP7850-820K	82	2.52 MHz	0.37	0.78
SP7850-101K	100	1 KHZ	0.43	0.72
SP7850-121K	120	1 KHZ	0.47	0.66
SP7850-151K	150	1 KHZ	0.64	0.58
SP7850-181K	180	1 KHZ	0.71	0.51
SP7850-221K	220	1 KHZ	0.96	0.49

SMD Power Inductors

SP7850-271K	270	1 KHZ	1.11	0.42
SP7850-331K	330	1 KHZ	1.26	0.40
SP7850-391K	390	1 KHZ	1.77	0.36
SP7850-471K	470	1 KHZ	1.96	0.34

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!