

CHOKE

Power Chokes

8625-XXX

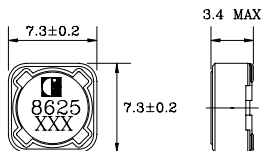


The 8625 series of SMD chokes is designed to cover an inductance range from 10µH to 1000µH with rated saturation currents from 0.16A to 1.68A. These are ideally suited for applications where shielding is required.

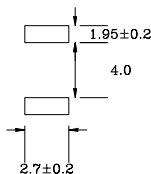
- DC/DC converters
- LCD displays
- PDA Palm Tops
- Telecommunication equipment etc.



Mechanical (All dimensions in millimeters)



Suggested Pad Layout



ELECTRICAL SPECIFICATION @ 25°C

Part Number	Inductance (µH)	DCR (Ω MAX)	Rated DC Current (A)
8625-10B	10	0.08	1.68
8625-12B	12	0.11	1.52
8625-15B	15	0.13	1.33
8625-18B	18	0.15	1.20
8625-22B	22	0.20	1.07
8625-27B	27	0.22	0.96
8625-33B	33	0.25	0.91
8625-39B	39	0.34	0.77
8625-47B	47	0.39	0.76
8625-56B	56	0.50	0.68
8625-68B	68	0.55	0.61
8625-82B	82	0.74	0.57

Part Number	Inductance (µH)	DCR (Ω MAX)	Rated DC Current (A)
8625-10C	100	0.84	0.50
8625-12C	120	0.96	0.49
8625-15C	150	1.42	0.43
8625-18C	180	1.62	0.39
8625-22C	220	1.84	0.35
8625-27C	270	2.59	0.32
8625-33C	330	2.93	0.20
8625-39C	390	3.29	0.26
8625-47C	470	4.67	0.24
8625-56C	560	5.22	0.22
8625-68C	680	6.47	0.19
8625-82C	820	7.31	0.18
8625-10D	1000	10.57	0.16