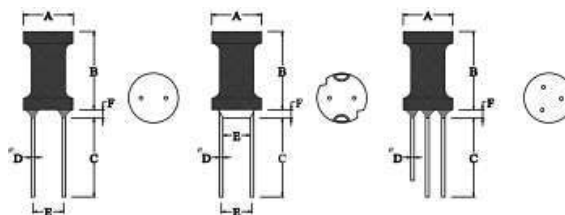


Leaded Wire Wound Inductor – SPK Series

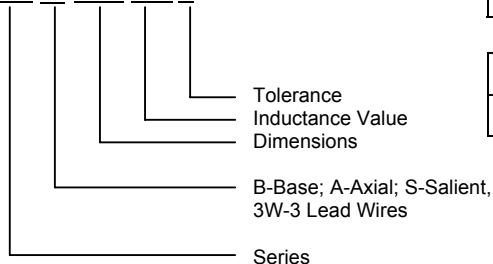


Features

- Designed for power supply with high reliability and saturation
- High current rating for high current circuits
- Designed by special lead wire to prevent open circuit failure

Ordering Information

SPK 0703-4R7 K



Dimensions

Part No.	SPK0406	SPK0608	SPK0810	SPK0912	SPK1016
A	5.5 Max.	7.5 Max.	9.5 Max.	10.5 Max.	11.5 Max.
B	7.5 Max.	9.5 Max.	11.5 Max.	13.5 Max.	17.5 Max.
C	16.0 ± 3.0	16.0 ± 3.0	16.0 ± 3.0	16.0 ± 3.0	16.0 ± 3.0
D	0.50 ± 0.05	0.65 ± 0.05	0.65 ± 0.05	0.80 ± 0.05	0.80 ± 0.05
E	2.0 ± 0.05	3.0 ± 0.05	5.0 ± 0.05	6.0 ± 0.05	6.0 ± 0.05
F	3.0 Max.	3.0 Max.	3.0 Max.	3.0 Max.	3.0 Max.

TYPE	SPK0406	SPK0608	SPK0810	SPK0912	SPK1016
PE Bag	500pcs.	500pcs.	250pcs.	250pcs.	250pcs.

Characteristics

Code	L (μ H)	SPK0406		SPK0608		SPK0810		SPK0912		SPK1016	
		RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)
100	10	0.10	1.70	0.04	3.00	0.03	5.30	0.03	7.50	0.02	10.00
120	12	0.14	1.50	0.05	3.00	0.04	4.70	0.03	7.20	0.02	9.50
150	15	0.13	1.38	0.06	2.60	0.04	4.40	0.03	6.50	0.02	8.20
180	18	0.15	1.27	0.07	2.40	0.05	3.90	0.04	5.60	0.02	7.60
220	22	0.18	1.10	0.08	2.30	0.05	3.50	0.04	5.30	0.03	7.00
270	27	0.20	1.05	0.09	2.10	0.06	3.30	0.05	4.70	0.05	6.00
330	33	0.24	0.93	0.12	1.90	0.07	3.00	0.06	4.20	0.05	5.60
390	39	0.31	0.85	0.17	1.70	0.07	2.70	0.08	3.90	0.06	5.00
470	47	0.35	0.80	0.19	1.50	0.08	2.50	0.09	3.50	0.06	4.60
560	56	0.42	0.72	0.20	1.40	0.11	2.30	0.09	3.20	0.07	4.20
680	68	0.47	0.66	0.23	1.30	0.12	2.00	0.11	3.00	0.08	3.90
820	82	0.55	0.60	0.33	1.15	0.16	1.80	0.14	2.70	0.09	3.60
101	100	0.68	0.53	0.38	1.05	0.18	1.70	0.19	2.40	0.13	3.20
121	120	0.91	0.51	0.38	0.95	0.25	1.55	0.21	2.20	0.15	2.90
151	150	1.06	0.42	0.49	0.78	0.29	1.35	0.24	2.00	0.17	2.60
181	180	1.31	0.41	0.76	0.77	0.34	1.23	0.27	1.80	0.19	2.40
221	220	1.72	0.35	0.87	0.70	0.38	1.15	0.35	1.70	0.25	2.20
271	270	2.07	0.32	0.98	0.65	0.48	1.00	0.48	1.50	0.34	1.90
331	330	2.44	0.28	1.15	0.58	0.59	0.92	0.55	1.36	0.38	1.70
391	390	2.65	0.26	1.27	0.52	0.77	0.84	0.60	1.26	0.41	1.60
471	470	2.91	0.24	1.63	0.47	0.92	0.74	0.84	1.12	0.48	1.50
561	560	3.27	0.23	2.44	0.44	1.02	0.72	0.93	1.00	0.65	1.35
681	680	4.93	0.19	2.75	0.38	1.31	0.65	1.06	0.92	0.93	1.26
821	820	5.53	0.18	3.09	0.36	1.46	0.58	1.31	0.85	1.04	1.15
102	1000	7.60	0.17	3.49	0.33	1.73	0.53	1.49	0.78	1.06	1.00

Tolerance: K = \pm 10%; K tolerance is Standard.