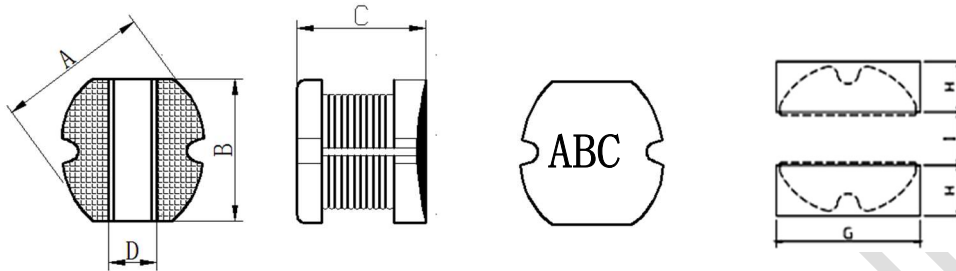


SMD Inductor

JSM7850- Series



Configurations & Dimensions: (mm)



A	B	C	D	G	H	I
7.8 ± 0.3	7.0 ± 0.3	5.0 ± 0.3	2.6Ref.	8.0Ref.	2.45Ref.	3.3Ref.

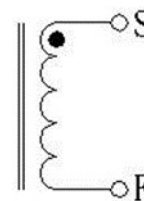
Electrical characteristics:

L	1.0uH-900uH	Test Conditions	100KHz/0.25V	Testing Instrument: <ul style="list-style-type: none"> ■ HP4287A ■ TH2817C ■ TH2817B/1773 ■ HK502BC ■ CH1062
DCR	0.012Ω-3.2Ω			
IDC	L(8.0-0.14A) ≥ 0A × 90%		100KHz/0.25V	

Material:

- (1) Core: DR7.8*5.0
B=3.0 F=2.6
(2) Wire: 2UEW H

Electrical diagram.:



Note:

Packaging: 1000PCS/REEL

Black inkjet printing

P/N	L (μ H)	Test frequency (KHz/V)	DCR Max (Ω)	Rated current Max (A)	Wire diameter (\varnothing /mm)	Turns
JSM7850-1R0M	1.0	100/0.25	0.012	8.0	0.50	5.5
JSM7850-1R5M	1.5	100/0.25	0.014	7.2	0.50	6.5
JSM7850-2R2M	2.2	100/0.25	0.016	5.5	0.45	7.5
JSM7850-2R7M	2.7	100/0.25	0.018	5.0	0.45	8.5
JSM7850-3R3M	3.3	100/0.25	0.020	4.1	0.45	9.5
JSM7850-3R9M	3.9	100/0.25	0.022	3.9	0.45	10.5
JSM7850-4R7M	4.7	100/0.25	0.025	3.7	0.45	11.5
JSM7850-5R6M	5.6	100/0.25	0.027	3.5	0.45	12.5
JSM7850-6R8M	6.8	100/0.25	0.030	3.2	0.45	13.5
JSM7850-8R2M	8.2	100/0.25	0.039	3.0	0.40	14.5
JSM7850-100M	10	100/0.25	0.045	2.5	0.40	16.5
JSM7850-120M	12	100/0.25	0.054	2.3	0.40	18.5
JSM7850-150M	15	100/0.25	0.073	1.9	0.37	20.5
JSM7850-180M	18	100/0.25	0.079	1.8	0.35	22.5
JSM7850-220M	22	100/0.25	0.088	1.7	0.35	24.5
JSM7850-270K	27	100/0.25	0.11	1.65	0.32	26.5
JSM7850-330K	33	100/0.25	0.13	1.50	0.32	29.5
JSM7850-390K	39	100/0.25	0.16	1.35	0.30	33.5
JSM7850-470K	47	100/0.25	0.18	1.23	0.30	35.5
JSM7850-560K	56	100/0.25	0.21	1.12	0.28	38.5
JSM7850-680K	68	100/0.25	0.25	1.05	0.28	43.5
JSM7850-820K	82	100/0.25	0.29	0.98	0.27	48.5
JSM7850-101K	100	100/0.25	0.36	0.85	0.25	51.5
JSM7850-121K	120	100/0.25	0.40	0.78	0.25	57.5
JSM7850-151K	150	100/0.25	0.55	0.72	0.23	65.5

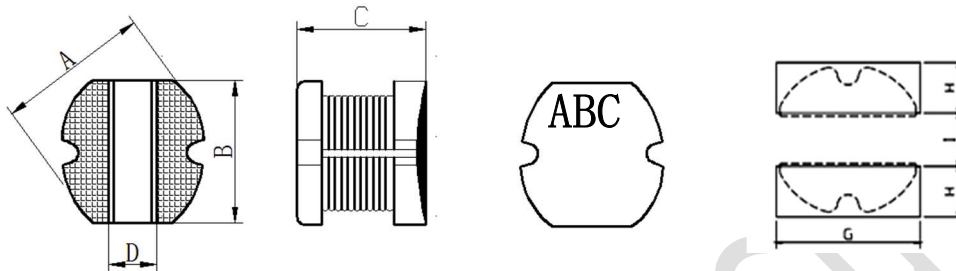
N= $\pm 28\%$ M= $\pm 18\%$ K= $\pm 8\%$

SMD Inductor

JSM3521- Series



Configurations & Dimensions: (mm)



A	B	C	D	G	H	I
3.5 ± 0.3	3.0 ± 0.3	2.1 ± 0.3	1.0Ref.	3.5Ref.	2.1Ref.	0.8Ref.
Electrical characteristics:						
L	1uH-820uH	Test Conditions	100KHz/0.25V	Testing Instrument: ■ HP4287A ■ TH2817C ■ TH2817B/1773 ■ HK502BC ■ CH1062		
DCR	0.035Ω-25.5.0Ω		100KHz/0.25V			
IDC	L(3.3-0.09A) ≥ 0A × 90%					

Material:

(1)Core: DR3.5*2.1

B=1.5 F=1.0

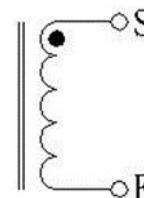
(2)Wire: 2UEW H

Note:

Packaging:3000PCS/REEL

Black inkjet printing

Electrical diagram.:



P/N	L (μ H)	Test frequency (KHz/V)	DCR Max (Ω)	Rated current Max (A)	Wire diameter (\varnothing /mm)	Turns
JSM3521-1R0M	1.0	100/0.25	0.035	3.3	0.23	7.5
JSM3521-1R5M	1.5	100/0.25	0.059	2.9	0.20	9.5
JSM3521-2R2M	2.2	100/0.25	0.078	2.3	0.18	11.5
JSM3521-2R7M	2.7	100/0.25	0.094	2.0	0.17	12.5
JSM3521-3R3M	3.3	100/0.25	0.120	1.8	0.17	14.5
JSM3521-3R9M	3.9	100/0.25	0.132	1.5	0.16	15.5
JSM3521-4R7M	4.7	100/0.25	0.152	1.41	0.15	16.5
JSM3521-5R6M	5.6	100/0.25	0.179	1.3	0.15	18.5
JSM3521-6R8M	6.8	100/0.25	0.210	1.2	0.14	19.5
JSM3521-8R2M	8.2	100/0.25	0.243	1.15	0.14	21.5
JSM3521-100M	10	100/0.25	0.325	1.05	0.13	24.5
JSM3521-120M	12	100/0.25	0.340	0.95	0.13	26.5
JSM3521-150M	15	100/0.25	0.455	0.88	0.11	29.5
JSM3521-180M	18	100/0.25	0.56	0.72	0.11	32.5
JSM3521-220K	22	100/0.25	0.76	0.62	0.10	36.5
JSM3521-270K	27	100/0.25	0.80	0.58	0.10	38.5
JSM3521-330K	33	100/0.25	1.00	0.54	0.10	43.5
JSM3521-390K	39	100/0.25	1.49	0.50	0.08	47.5
JSM3521-470K	47	100/0.25	1.70	0.45	0.08	52.5
JSM3521-560K	56	100/0.25	1.91	0.42	0.08	58.5
JSM3521-680K	68	100/0.25	2.02	0.38	0.08	62.5
JSM3521-820K	82	100/0.25	2.80	0.34	0.08	71.5
JSM3521-101K	100	100/0.25	3.31	0.32	0.07	76.5
JSM3521-121K	120	100/0.25	3.58	0.30	0.07	80.5
JSM3521-151K	150	100/0.25	5.10	0.26	0.07	95.5
JSM3521-181K	180	100/0.25	5.94	0.24	0.06	102.5

M= $\pm 18\%$ K= $\pm 8\%$