



PRODUCT IDENTIFICATION

JSPK - 0802- 1R0 M

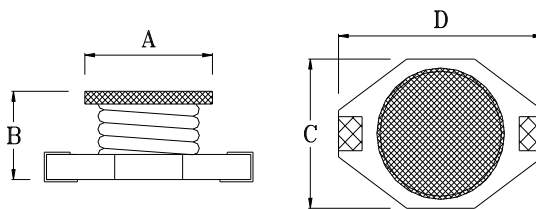
Type Size Inductance Tolerance

FEATURES

- ◆JSPK series are designed for the compact size with high performance, high energy storage and very low resistance
- ◆Very small foot print
- ◆Increased size selection guide
- ◆Designed with special lead wire to prevent open circuit failure

APPLICATIONS

- ◆Step-up and step-down converters
- ◆Telecommunications
- ◆Excellent as DC-DC converter used in PDA, notebook computers, mobile phones

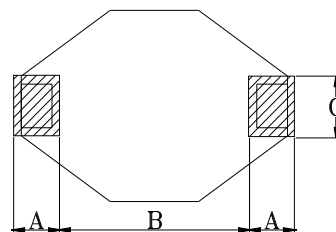


DIMENSIONS (mm)

No.	Part No.	Size (mm)			
		A	B	C	D
1	JSPK 0802	8.6 Max.	3.0 Max.	9.5 Max.	13.50 Max.
2	JSPK 0804	8.6 Max.	5.5 Max.	9.5 Max.	13.50 Max.
3	JSPK 0810	8.6 Max.	11.5 Max.	9.5 Max.	13.50 Max.
4	JSPK 1306	13.0 Max.	7.5 Max.	15.4 Max.	18.54 Max.

RECOMMENDED PATTERN(mm)

Type	A	B	C
JSPK 0802	2.92	7.37	2.79
JSPK 0804	2.92	7.37	2.79
JSPK 0810	2.92	7.37	2.79
JSPK 1306	2.92	12.45	2.79



PACKAGE

Type	JSPK 0802	JSPK 0804	JSPK 0810	JSPK 1306
Q'TY/Reel	1,000	1,000	250	250

Part Code	L (μH)	JSPK 0802		JSPK 0804		JSPK 0810		JSPK 1306	
		RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)
3R3	3.3			0.015	6.40				
4R7	4.7			0.018	5.40				
6R8	6.8			0.027	4.60				
100	10	0.11	2.40	0.038	3.80	0.040	8.00	0.031	10.0
150	15	0.15	2.00	0.046	3.00	0.050	7.00	0.036	8.0
220	22	0.23	1.60	0.085	2.60	0.066	5.50	0.047	7.0
330	33	0.30	1.40	0.100	2.00	0.080	4.00	0.066	5.5
470	47	0.39	1.00	0.140	1.60	0.110	3.80	0.086	4.5
680	68	0.66	0.90	0.200	1.40	0.170	3.00	0.130	3.5
101	100	0.84	0.70	0.280	1.20	0.220	2.50	0.190	3.0
151	150			0.400	1.00	0.340	2.00	0.250	2.6
221	220			0.610	0.80	0.440	1.60	0.380	2.4
331	330			1.020	0.60	0.700	1.20	0.560	1.9
471	470			1.270	0.50	0.950	1.00	0.850	1.4
681	680					1.200	1.00	1.100	1.2
102	1000					2.000	0.80	1.800	1.0

Test Frequency is 100KHz, DCR & IDC listed are all Max. Value.

Tolerance : M = ± 20% , M tolerance is standard.