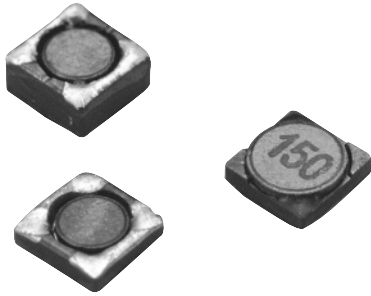


SSA TYPE

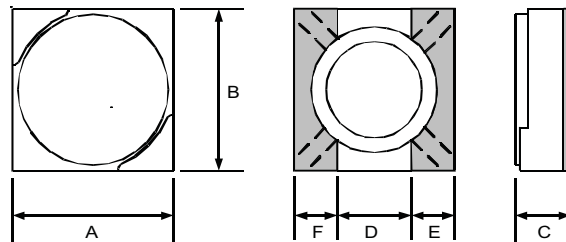
SMD POWER INDUCTOR



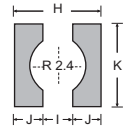
FEATURE

- Available in magnetically shielded.
- Low DC resistance.
- Suitable for large currents.
- Ideal for a variety of DC - DC converter inductor applications.
- Available on tape and reel for auto surface mounting

SHAPES & DIMENSION



• Recommended Pattern



APPLICATION

- Power supply for VTRs.
- LCM for Mobile
- LCD televisions.
- MP3
- Portable communication equipment
- DC / DC converters, etc.

Dimension in m/m

PART NO.	A Typ	B Typ	C max	D Typ.	E	F	G	H	I	J	K
SSA 2D11	3.1	3.1	1.25	1.0	1.0	1.0	0.4	3.7	1.2	1.25	3.7
SSA 2D18	3.1	3.1	2	1.0	1.0	1.0	0.4	3.7	1.2	1.25	3.7

STANDARD SPECIFICATION

Part No.	Inductance SSA L(μH)	DC Resistance (Ω) Max.		Rated Current (A) Max.	
		SSA 2D11	SSA 2D18	SSA 2D11	SSA 2D18
1R0	1.0				
1R5	1.5	0.10		0.90	
1R7	1.7		0.044		1.85
2R2	2.2	0.165	0.060	0.78	1.60
3R3	3.3	0.168	0.086	0.60	1.45
4R7	4.7	0.17	0.140	0.50	1.20
5R6	5.6	0.20		0.46	
6R3	6.3		0.160		1.05
6R8	6.8	0.26		0.44	
8R2	8.2				
8R6	8.6	0.38		0.38	
100	10	0.40	0.245	0.35	0.85
120	12				
150	15	0.60	0.345	0.27	0.70
180	18				
220	22	0.85	0.55	0.20	0.64
270	27				
330	33	1.30		0.15	
390	39				
470	47	1.80		0.11	

1. Test Frequency 100KHz/1V
2. Tolerance Inductance
SSA2D11 SSA2D18 1.5 - 47μH ±30%
3. Saturation rated current: The current when the inductance becomes 35% lower than its nominal value. (Ta=20°C)

ELECTRICAL SPECIFICATION

Operating Temperature : -30°C ~ +70°C
Storage Temperature : -40°C ~ +85°C

