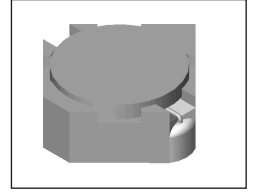


SMT Power Inductor

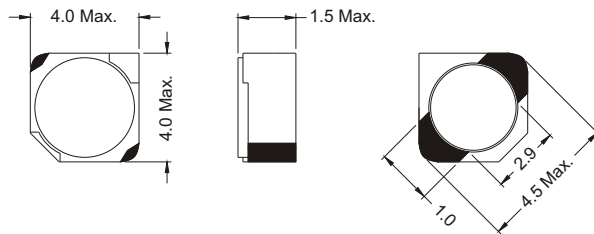
SILM4015 Type

Features

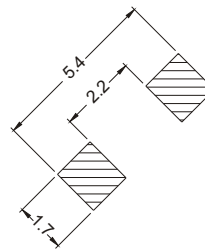
- Low profile(1.5mm max.height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- Self-leads ,suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor applications.
- In addition to the standard versions shown here, custom inductors are available to meet your exact requirements.



Mechanical Dimension : Unit :mm

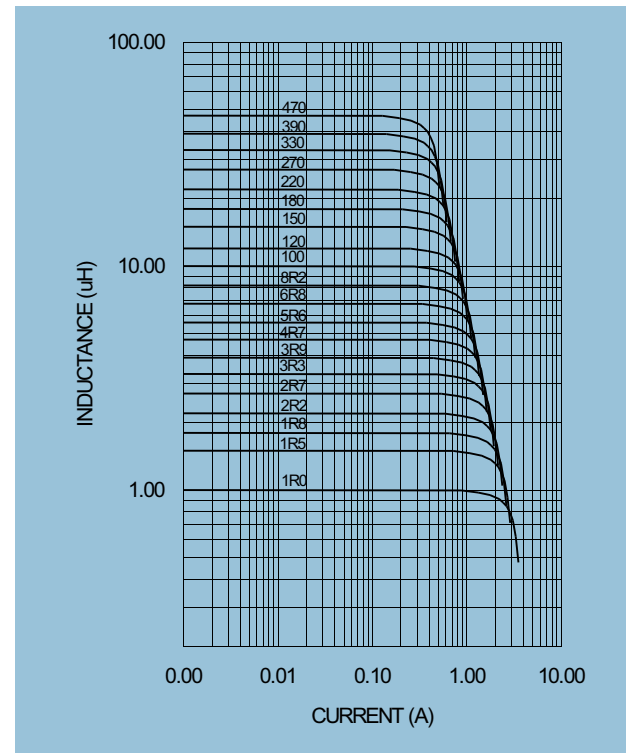


RECOMMENDED PAD



Electrical Characteristics :

PART NO.	L (uH)*	DCR (mΩ) MAX	I _{RATED} ** (Adc)
SILM4015 - 1R0	1.0	69	2.00
SILM4015 - 1R5	1.5	84	1.70
SILM4015 - 2R2	2.2	98	1.40
SILM4015 - 2R7	2.7	114	1.30
SILM4015 - 3R3	3.3	126	1.00
SILM4015 - 3R9	3.9	144	0.90
SILM4015 - 4R7	4.7	180	0.88
SILM4015 - 5R6	5.6	198	0.85
SILM4015 - 6R8	6.8	264	0.80
SILM4015 - 8R2	8.2	288	0.75
SILM4015 - 100	10	306	0.50
SILM4015 - 120	12	366	0.45
SILM4015 - 150	15	462	0.42
SILM4015 - 180	18	510	0.40
SILM4015 - 220	22	732	0.37
SILM4015 - 270	27	840	0.33
SILM4015 - 330	33	1104	0.31
SILM4015 - 390	39	1182	0.28
SILM4015 - 470	47	1356	0.25



★ Tolerance of inductance
1.0~8.2uH±30%, 10~47uH±20%

★★ I_{RATED} : rated current ΔL<25% (10% TYP.) , ΔT<45°Cat I_{RATED}.

★★★ Operating temperature : -20°C to 105°C (including self-temperature rise)

★★★★ Test condition at 25°C : 100KHz, 0.1V



沙井欣旺电子有限公司

XINWANG ELECTRONICS, INC.

[HTTP://:WWW.XINWANGELE.COM](http://www.xinwangele.com)

TEL:0755-29696626 FAX:0755-27289711

E-mail:sales@xinwangele.com