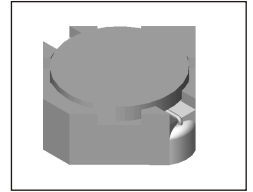


SMT Power Inductor

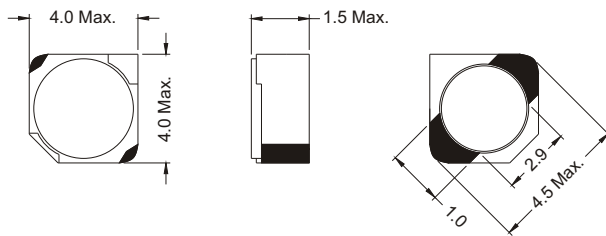
SILM4015H Type

Features

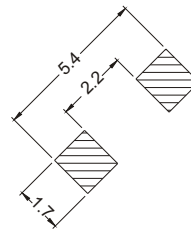
- Low profile(1.5mm max. height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- Self-leads ,suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters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



Mechanical Dimension : Unit :mm

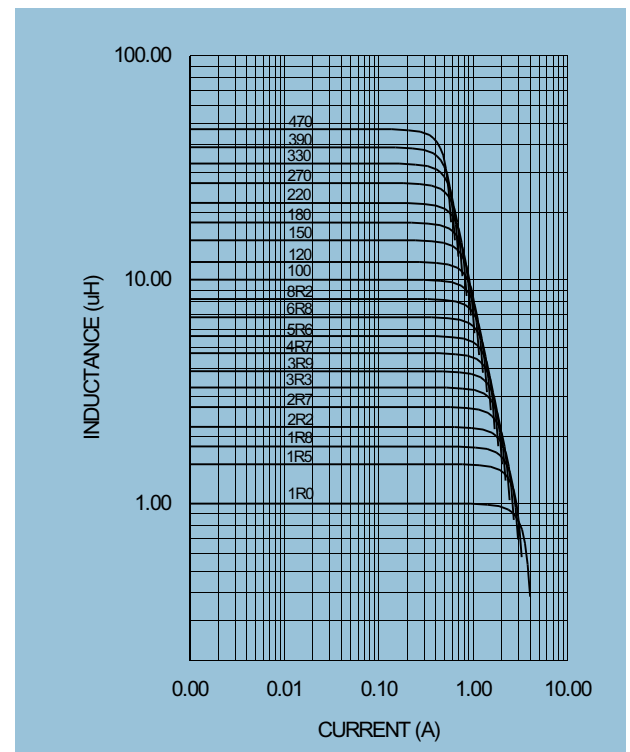


RECOMMENDED PAD



Electrical Characteristics :

PART NO.	L (uH)*	DCR (mΩ) MAX	I _{RATED} ** (Adc)
SILM4015H - 1R0	1.0	54	2.60
SILM4015H - 1R5	1.5	68	2.30
SILM4015H - 1R8	1.8	78	2.20
SILM4015H - 2R2	2.2	88	2.00
SILM4015H - 2R7	2.7	100	1.90
SILM4015H - 3R3	3.3	126	1.70
SILM4015H - 3R9	3.9	140	1.55
SILM4015H - 4R7	4.7	190	1.40
SILM4015H - 5R6	5.6	205	1.30
SILM4015H - 6R8	6.8	260	1.20
SILM4015H - 8R2	8.2	300	1.05
SILM4015H - 100	10	340	0.96
SILM4015H - 120	12	460	0.87
SILM4015H - 150	15	505	0.79
SILM4015H - 180	18	725	0.70
SILM4015H - 220	22	810	0.62
SILM4015H - 270	27	920	0.55
SILM4015H - 330	33	1250	0.53
SILM4015H - 390	39	1350	0.49
SILM4015H - 470	47	1500	0.44



★ Tolerance of inductance

1.0~8.2uH±30%, 10~47uH±20%

★★ I_{RATED} : rated current ΔL<35% (20% 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