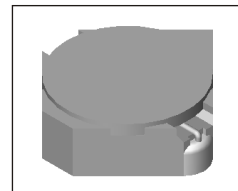


SMT Power Inductor

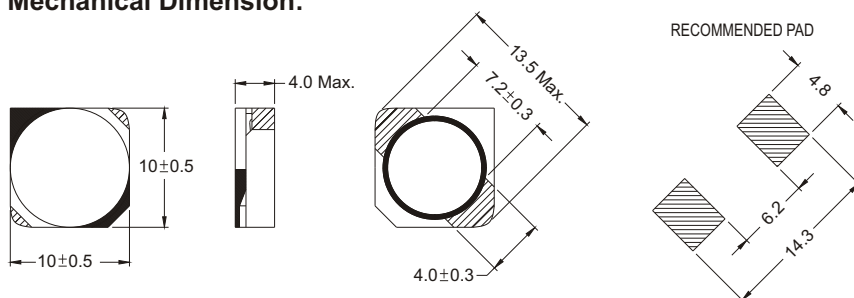
SILM104 Type

Features

- Low profile (4.0mm 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.

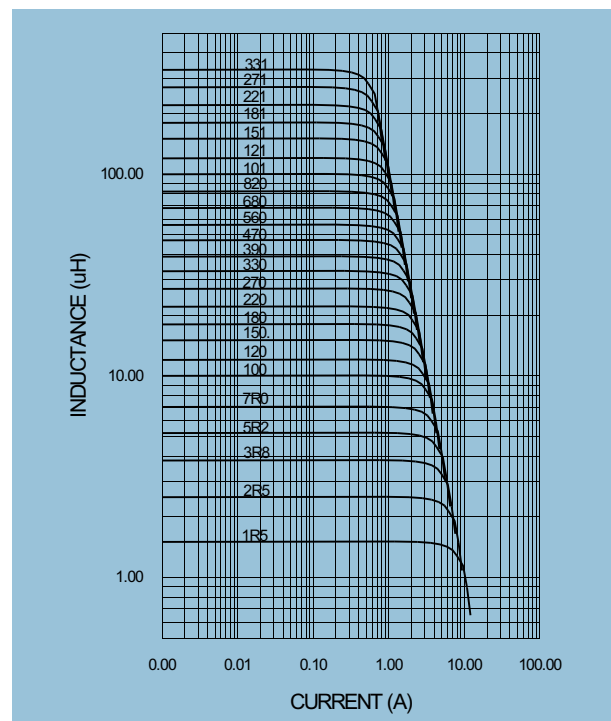


Mechanical Dimension:



Electrical Characteristics:

PART NO.	L ★ (uH)	DCR (m) MAX	I _{RATED} ★ ★ (Adc)
SILM104 - 1R5	1.5	8.1	10.0
SILM104 - 2R5	2.5	10	7.5
SILM104 - 3R8	3.8	13	6.0
SILM104 - 5R2	5.2	22	5.5
SILM104 - 7R0	7.0	27	4.8
SILM104 - 100	10	35	4.4
SILM104 - 150	15	50	3.6
SILM104 - 220	22	73	2.9
SILM104 - 330	33	93	2.3
SILM104 - 470	47	128	2.1
SILM104 - 680	68	213	1.5
SILM104 - 101	100	304	1.35
SILM104 - 151	150	506	1.15
SILM104 - 221	220	756	0.92
SILM104 - 331	330	1090	0.70



★ Tolerance of inductance
1.5~330uH±30%

★★ I_{RATED}: rated current. ΔL<35%, ΔT<45°C at 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

TEL:0755-29696626 FAX:0755-27289711

E-mail:sales@xinwangele.com