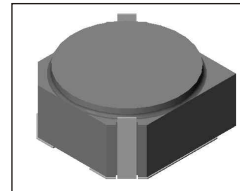


SMT Power Inductor

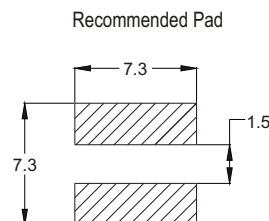
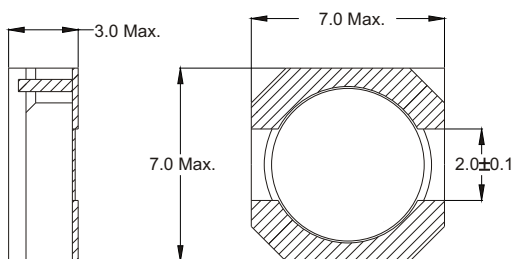
SIL730 Type

Features

- Small size (6.6mm*6.6mm), low profile (3.0mm max. height) SMD type.
- Magnetically shielded, 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 application.
- In addition to the standard versions shown here, custom inductors are available to meet your exact requirements.

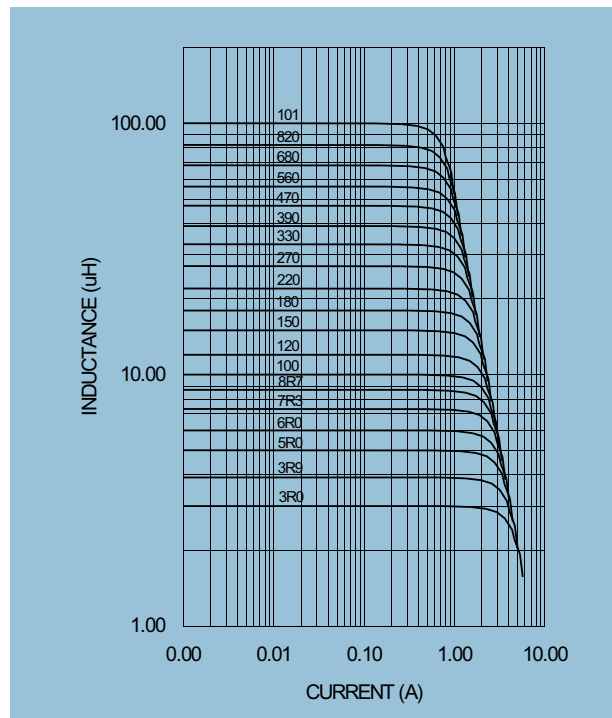


Mechanical Dimension: Unit: mm



Electrical Characteristics:

PART NO.	L ★ (uH)	DCR (Ω) MAX	I _{RATED} ★ ★ (Adc)
SIL730 - 3R0	3.0	0.024	3.00
SIL730 - 3R9	3.9	0.027	2.60
SIL730 - 5R0	5.0	0.031	2.40
SIL730 - 6R0	6.0	0.035	2.25
SIL730 - 7R3	7.3	0.054	2.10
SIL730 - 8R6	8.6	0.058	1.85
SIL730 - 100	10	0.065	1.70
SIL730 - 120	12	0.070	1.55
SIL730 - 150	15	0.084	1.40
SIL730 - 180	18	0.095	1.32
SIL730 - 220	22	0.128	1.20
SIL730 - 270	27	0.142	1.05
SIL730 - 330	33	0.165	0.97
SIL730 - 390	39	0.210	0.86
SIL730 - 470	47	0.238	0.80
SIL730 - 560	56	0.277	0.73
SIL730 - 680	68	0.304	0.65
SIL730 - 820	82	0.390	0.60
SIL730 - 101	100	0.535	0.54



★ Tolerance of inductance
3.0~100uH±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