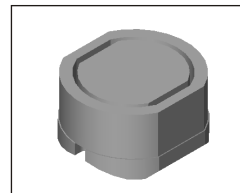


SMT Power Inductor

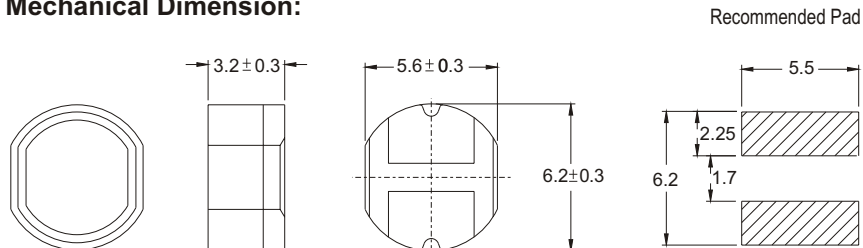
SIR74 Type

Features

- Low profile (3.5mm 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.

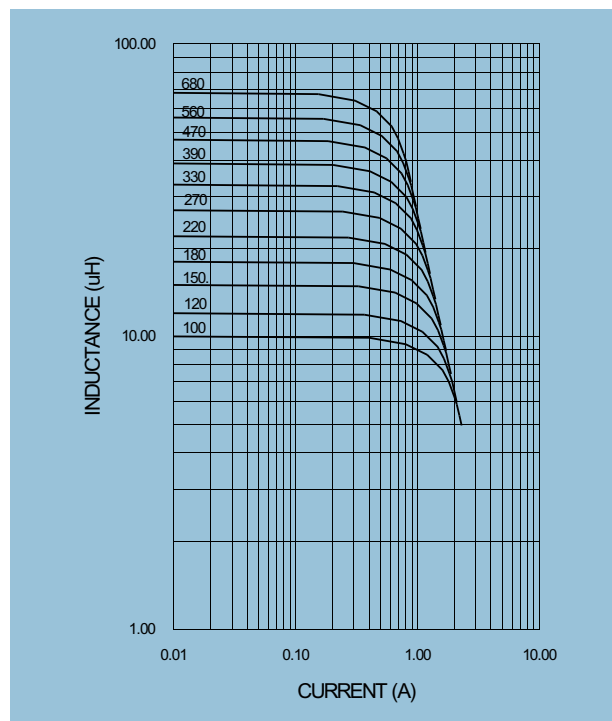


Mechanical Dimension:



Electrical Characteristics:

PART NO.	L* (uH)	DCR (Ω) MAX	I _{RATED} ★ ★ (Adc)
SIR74 - 100	10	0.140	1.00
SIR74 - 120	12	0.160	0.94
SIR74 - 150	15	0.180	0.86
SIR74 - 180	18	0.250	0.78
SIR74 - 220	22	0.320	0.76
SIR74 - 270	27	0.360	0.64
SIR74 - 330	33	0.410	0.61
SIR74 - 390	39	0.470	0.53
SIR74 - 470	47	0.510	0.50
SIR74 - 560	56	0.720	0.46
SIR74 - 680	68	0.820	0.42



★ Tolerance of inductance

10~27uH±20% 33~68uH±15%

★★ I_{RATED}: rated current. ΔL<10%, 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



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