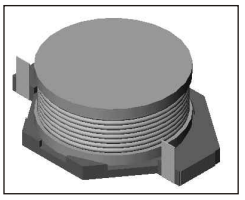
SMT Power Inductor

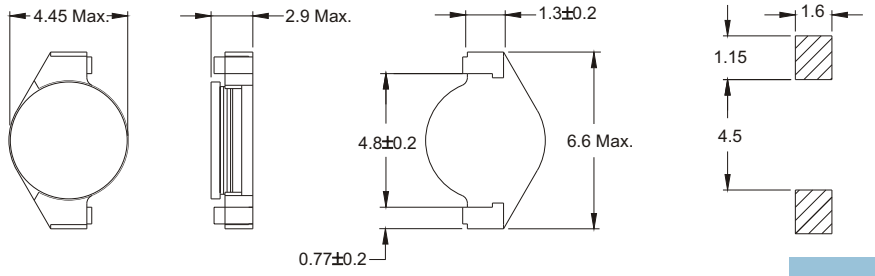
SIS43 Type

Features

- Small size (6.6mm*4.45mm), low profile (2.9mm max. height) SMD type.
- Unshielded, 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.

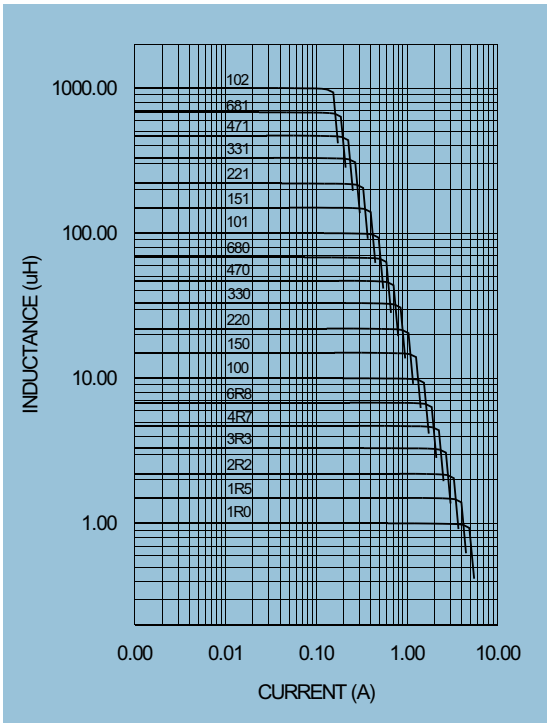


Mechanical Dimension: Unit: mm



Electrical Characteristics:

PART NO.	L ★ (uH)	DCR (Ω) MAX	Is ★★ (Adc)	Ir ★★★ (Adc)
SIS43-1R0	1.0	0.050	2.9	2.9
SIS43-1R5	1.5	0.050	2.6	2.8
SIS43-2R2	2.2	0.070	2.3	2.4
SIS43-3R3	3.3	0.080	2.0	2.0
SIS43-4R7	4.7	0.090	1.5	1.5
SIS43-6R8	6.8	0.130	1.2	1.4
SIS43-100	10	0.160	1.1	1.2
SIS43-150	15	0.230	0.9	1.1
SIS43-220	22	0.370	0.7	0.8
SIS43-330	33	0.510	0.58	0.6
SIS43-470	47	0.640	0.50	0.5
SIS43-680	68	0.860	0.40	0.4
SIS43-101	100	1.270	0.31	0.3
SIS43-151	150	2.000	0.27	0.25
SIS43-221	220	3.110	0.22	0.20
SIS43-331	330	3.800	0.18	0.16
SIS43-471	470	5.060	0.16	0.15
SIS43-681	680	9.200	0.14	0.12
SIS43-102	1000	13.800	0.10	0.07



★ Tolerance of inductance
1.0~1000uH±20%

★★ ΔL<10% at Is

★★★ ΔT<45℃ at Ir

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

★★★★★ Test condition at 25℃: 100KHz, 0.1V

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