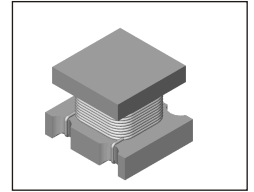


SMT Power Inductor

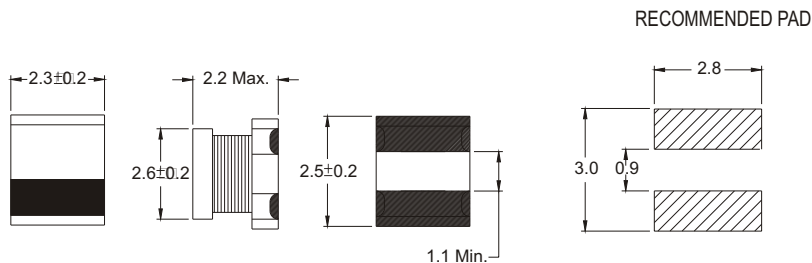
SIHM33 Type

Features

- Low profile(2.8mm max. height) SMD type.
- Unshielded.
- 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.

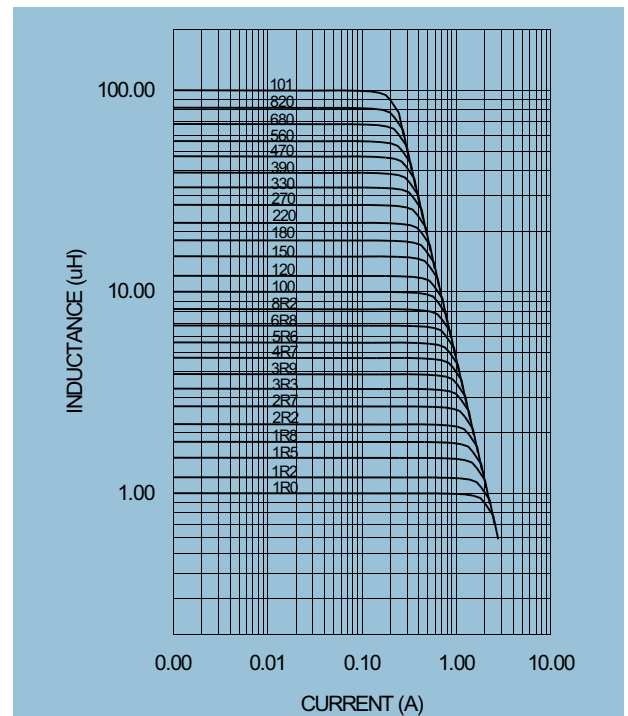


Mechanical Dimension : Unit :mm



Electrical Characteristics :

PART NO.	L (uH)*	DCR (Ω) MAX	I _{RATED} ** (A)
SIHM33-1R0	1.0	0.070	1.90
SIHM33-1R2	1.2	0.080	1.80
SIHM33-1R5	1.5	0.090	1.50
SIHM33-1R8	1.8	0.105	1.40
SIHM33-2R2	2.2	0.135	1.20
SIHM33-2R7	2.7	0.160	1.10
SIHM33-3R3	3.3	0.175	1.00
SIHM33-3R9	3.9	0.240	0.95
SIHM33-4R7	4.7	0.275	0.85
SIHM33-5R6	5.6	0.305	0.80
SIHM33-6R8	6.8	0.370	0.73
SIHM33-8R2	8.2	0.430	0.65
SIHM33-100	10	0.555	0.58
SIHM33-120	12	0.590	0.55
SIHM33-150	15	0.710	0.48
SIHM33-180	18	0.900	0.43
SIHM33-220	22	1.050	0.40
SIHM33-270	27	1.190	0.35
SIHM33-330	33	1.630	0.32
SIHM33-390	39	2.050	0.30
SIHM33-470	47	2.340	0.27
SIHM33-560	56	2.550	0.25
SIHM33-680	68	3.660	0.23
SIHM33-820	82	4.190	0.20
SIHM33-101	100	4.740	0.18



★ Tolerance of inductance
0.9~100uH ±10%

★★ 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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