

Type:SHCK1009FL

◆ Product Description

- 10.5×8.6mm Max.(L×W),9.60mm Max. Height.
- Inductance Range: 0.10~5.60 μ H
- In addition to the standards versions shown here,
- custom inductors are also available to meet your exact requirements.

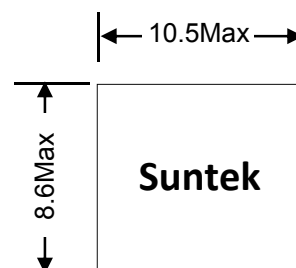
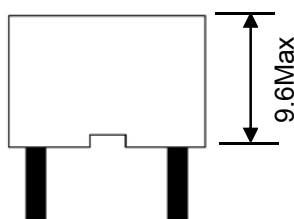
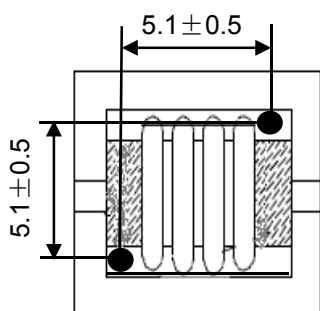
◆ Feature

- Available in magnetically shielded
- Low DC resistance,Suitable for large currents
- Ideal for a variety of DC-DC converter inductor applications.

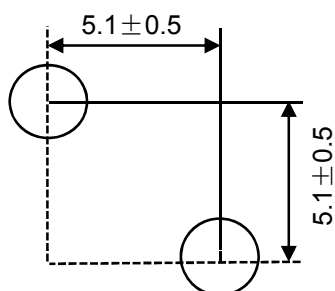
◆ Application

- Power supply for VTRS and ADSL.
- OA equipment,LCD televisions,PC computer.
- Portable communication equipment
- DC-DC Converters,etc

◆ Dimensions (mm)



◆ Land Pattern (mm)



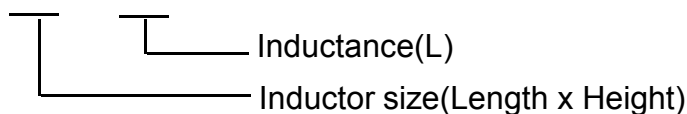
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◆ Specification

Suntek Part Number	System code	Inductance (μH) ±20%	DC Resistance (m Ω)Max.	Saturation Rated Current (A)	Temperature Rise Rated Current (A)
SHCK1009FL-R10M		0.10	0.8	41	39
SHCK1009FL-R25M		0.25	1.25	38	35
SHCK1009FL-R40M		0.40	1.80	34	29
SHCK1009FL-R50M		0.50	1.96	26	24
SHCK1009FL-R60M		0.60	2.60	25	21
SHCK1009FL-R80M		0.80	3.60	23	19
SHCK1009FL-1R0M		1.00	3.50	22	19
SHCK1009FL-1R2M		1.20	3.50	22	19
SHCK1009FL-1R8M		1.80	7.00	17	14
SHCK1009FL-2R2M		2.20	7.00	14	11
SHCK1009FL-3R3M		3.30	11.0	12	10
SHCK1009FL-4R7M		4.70	16.0	10	7
SHCK1009FL-5R6M		5.60	22.0	8	6

※Description of Part Name

SHCK1009FL-R10M



Note:

1. Saturation Rated Current: The current when the inductance becomes 35% lower than its nominal value.(Ta=20℃)
2. Temperature Rise Current: The actual current when temperature of coil becomes ΔT=40℃.(Ta=20℃)
3. Inductance tested at 100KHz/1.0Vrms.