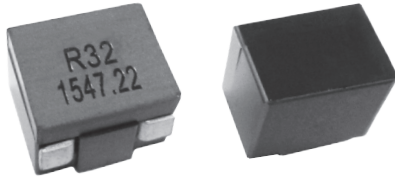




SMD Power Inductor

SEPI Series



Features

- High current carrying capacity
- Low core loss
- Ferrite core material
- Halogen free, lead free, RoHS compliant

Application

- Servers, Voltage Regulator Modules (VRMs)
- Data networking and storage systems
- Graphics cards and battery power systems

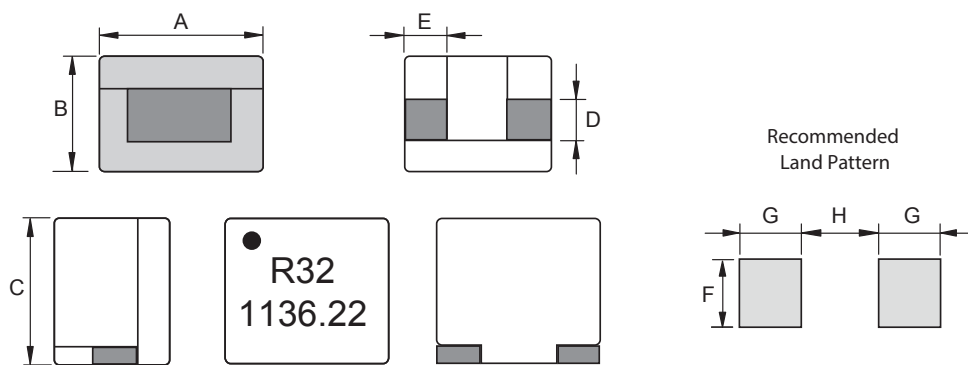
Part Numbering

SEPI 100709 M - R22 L - □

① ② ③ ④ ⑤ ⑥

- ① Product Group
- ② Dimension Code
- ③ Type Code
- ④ Inductance Code: R means decimal point
Ex: R22→0.22μH
- ⑤ Inductance Tolerance L=±15%
- ⑥ Control Code

Shapes and Dimension



Unit: mm

Type	A	B	C	D	E	F	G	H
SEPI100709	10.40±0.50	7.30±0.50	9.30±0.50	2.80±0.50	2.80±0.50	3.30 Ref	3.40 Ref.	4.10 Ref.

General Technical Data

Operating Temperature Range	-40°C ~ +105°C
Storage Temperature	40°C Max. , 70%RHMax.

• The specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 • The catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.



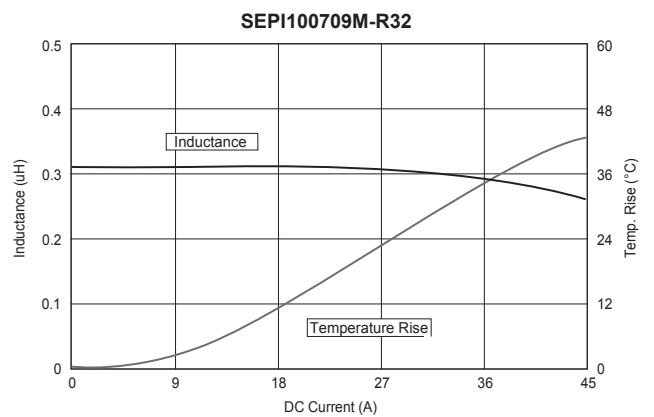
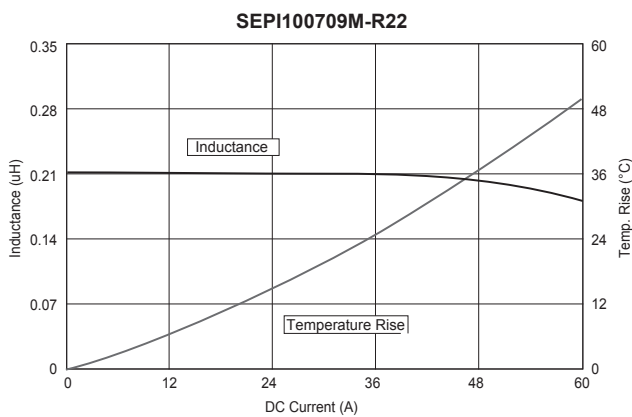
SMD Power Inductor

SEPI Series

Electrical Characteristics

Part Number	Inductance	Test Frequency	DC Resistance (RDC)	Saturation Current (I_{SAT}) Typ.	Temperature Rise Current (I_{RMS}) Typ.
SEPI100709M Series					
SEPI100709M-R22L-□	0.22 μ H \pm 15%	100KHz	0.22m Ω \pm 10%	60.0A	45.0A
SEPI100709M-R32L-□	0.32 μ H \pm 15%	100KHz	0.22m Ω \pm 10%	45.0A	35.0A

- Saturation Current for Inductance becomes 20% lower than its initial value
- Temperature Rise Current for a 40°C rise above 25°C ambient



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