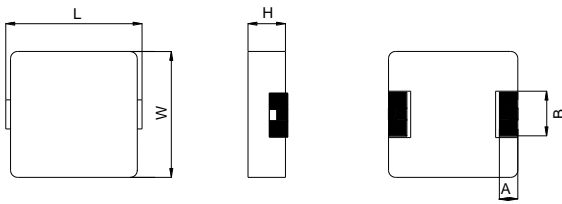


34C6622H

SMD Power Inductors



Dimensions



L	W	H	A	B
7.0±0.3	6.6±0.3	2.4 max.	1.8 typ.	3.0 typ.

Unit: mm

Description

- Magnetically shielded structure.
- 7.0 x 6.6 mm (L x W), 2.4mm max. Height.
- Metal composite molding structure provides less buzz noise.
- Low DCR, ultra high DC saturation current design.
- Ideally used in Notebook PC CPU power supply, etc.
- Custom inductors are also available.
- RoHS compliant.

Electrical Characteristics

Part Number	Inductance ① (uH)	Inductance Tolerance	DCR ② (mΩ) max.	Isat ③ (A) typ.	Irms ④ (A) typ.
34C6622H-R22MT01	0.22	±20%	3.2	34	12.5
34C6622H-R47MT01	0.47	±20%	5.1	26	9.8
34C6622H-R56MT01	0.56	±20%	6.5	24	8.7
34C6622H-R68MT01	0.68	±20%	7.2	21	8.2
34C6622H-R82MT01	0.82	±20%	9.5	17	7.2
34C6622H-1R0MT01	1.0	±20%	13.5	16	6.0
34C6622H-1R5MT01	1.5	±20%	20	15	5.0
34C6622H-2R2MT01	2.2	±20%	28	14	4.1
34C6622H-3R3MT01	3.3	±20%	39	10	3.5
34C6622H-4R7MT01	4.7	±20%	50	9	3.1
34C6622H-5R6MT01	5.6	±20%	62	8	2.8
34C6622H-6R8MT01	6.8	±20%	72	7	2.6
34C6622H-100MT01	10	±20%	101	5	2.2

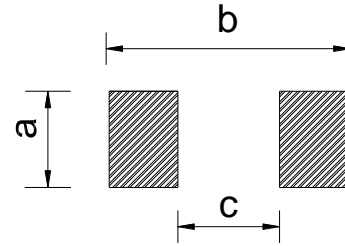
① Inductance tested at 100 kHz, 1.0 Vrms using an Agilent/HP 4284A or equivalent.

② DCR measured on a micro-ohmmeter.

③ Isat: The DC current at which the inductance decreases by 30% of it's initial value.

④ Irms: The DC current at which the temperature rise is Δt=40°C. (Ta=20°C)

Recommended Land Pattern



a	b	c
3.5	7.7	2.5

Unit: mm

Product Identification

34C 6622 H - 6R8 M T 01

(1) (2) (3) (4) (5) (6) (7)

- (1) Product category
- (2) Dimension symbol 6.6 X 2.2 mm(W X H)
- (3) Internal control code
- (4) Inductance value 100=10×10⁰uH=10uH, 4R7=4.7uH
- (5) Tolerance M=±20%
- (6) Packing Style T=Taping
- (7) Characteristic parameter level

Packaging 1500pcs/reel