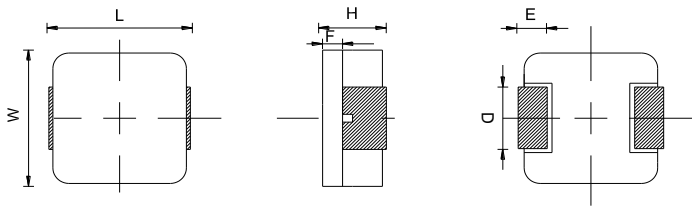


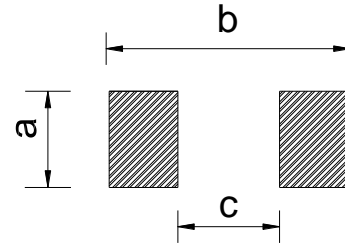
Dimensions



L	W	H	D	E
4.45±0.25	4.06±0.25	1.8 max.	2.0 typ.	0.76 typ.

Unit: mm

Recommended Land Pattern



a	b	c
2.4	5.2	2.2

Unit: mm

Description

- Magnetically metal power inductor.
- 4.45 x 4.06mm (L x W), 1.8mm max. Height.
- High current, low DCR, high efficiency.
- Very low acoustic noise and very low leakage flux noise.
- High reliability.
- RoHS compliant.

Product Identification

- 34C 4016 P - 2R2 M T 01
- (1) (2) (3) (4) (5) (6) (7)
- (1) Product category
 - (2) Dimension symbol 4.0 X 1.6 mm(W X H)
 - (3) Internal control code
 - (4) Inductance value 100=10×10⁰uH=10uH, 4R7=4.7uH
 - (5) Tolerance M=±20%, Y=±30%
 - (6) Packing Style T=Taping
 - (7) Characteristic parameter level

Electrical Characteristics

Packaging 3000pcs/reel

Part Number	Inductance ① (uH)	Inductance Tolerance	DCR ② (mΩ) max.	Isat ③ (A) typ.	Irms ④ (A) typ.
34C4016P-1R0MT02	1.0	±20%	30	6.9	4.0
34C4016P-2R2MT02	2.2	±20%	45	4.2	3.0

- ① Inductance tested at 100 kHz, 0.1Vrms 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 its initial value.
- ④ Irms: The DC current at which the temperature rise is Δt=40°C. (Ta=20°C)