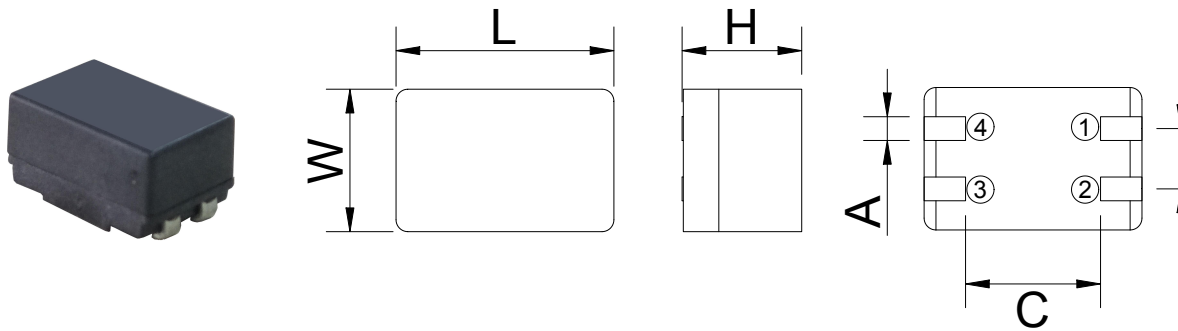


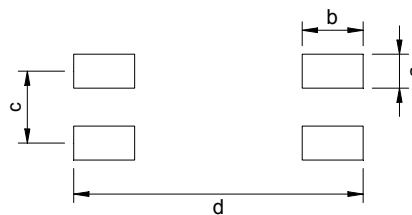
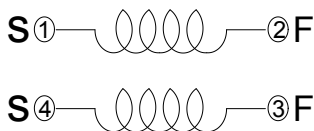
1. Dimensions (mm)



L	W	H	A	B	C
9.2±0.3	6.0±0.3	5.0±0.3	1.0 typ.	2.54 typ.	5.6 typ.

Dimensions do not include solder on the Pins

2. Schematics (Bottom View)



Symbol	Dimensions (mm)
a	1.2
b	2.0
c	2.54
d	9.5

3. Recommended Land Pattern

RoHS Compliant

4. Electrical Characteristics

Part Number	Inductance ^① (μH)	Test Frequency	DCR ^② (mΩ) max.	I _{rms} A max.
CMTR0905S-100YN01	10±30%	100kHz,0.1V	80	1.6
CMTR0905S-250YN01	25±30%	100kHz,0.1V	120	1.0
CMTR0905S-510YN01	51±30%	100kHz,0.1V	160	1.0
CMTR0905S-501FM01	500±50%	100kHz,0.1V	150	1.0
CMTR0905S-102FM01	1000±50%	100kHz,0.1V	310	0.8
CMTR0905S-202FM01	2000±50%	100kHz,0.1V	420	0.6

- ① Inductance measured on a HIOKI 3532-50 LCR meter or equivalent.
- ① DCR measured on a micro-ohmmeter (single winding) .
- ② I_{rms}: The DC current at which Δt=40°C,measure pin1 to 2,short pin3,4 (at 25°C).