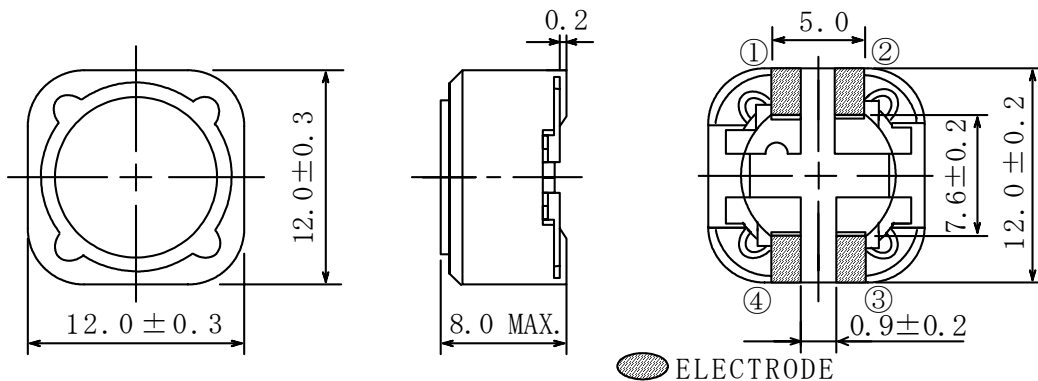
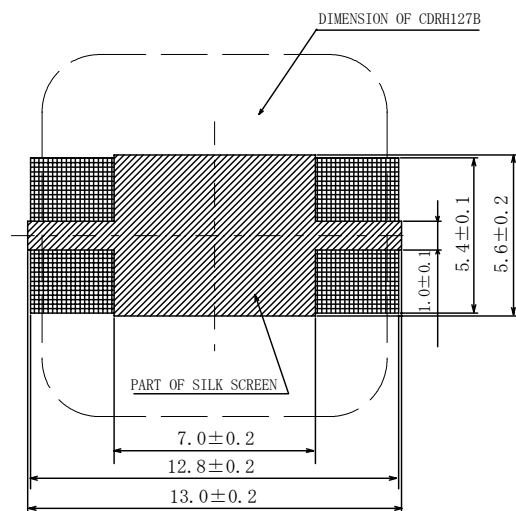
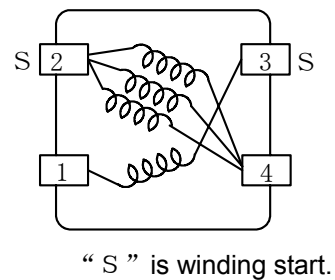


Type: CDRH127B
◆ Product Description

- 12.3×12.3mm Max.(L×W), 8.0mm Max. Height.
- Reference Inductance:6.8 μ H
- Reference rated current: 6.4A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

◆ Feature

- Magnetically shielded construction.
- 4 Terminal pins' type gives a flexible design as inductors or transformers(SEPIC,ZETA circuit,etc).
- Ideally used in power supplies' module and portable devices such as Notebook PC,DSC/DVC,PDA, etc as DC-DC Converter inductors.
- RoHS Compliance

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Schematics (Bottom)


Type: CDRH127B
◆ Specification

		MEASURING CONDITION
INDUCTANCE	(1-3) 6.8 μ H \pm 40% WITHIN	300kHz
INDUCTANCE	(2-4) 24 μ H REF.	300kHz
D.C.R.	(1-3) 18m Ω MAX.(13.5m Ω TYP.)	at 20°C
D.C.R.	(2-4) 325m Ω MAX.(250m Ω TYP.)	at 20°C
RATED CURRENT	(1-3) ※ 6.4A	
RATED CURRENT	(2-4) ※ 1.3A	

※ This indicates the DC current at which the inductance decreases to 75% of its nominal value or D.C. current at which $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).