

Type: CDRH125B

◆ Product Description

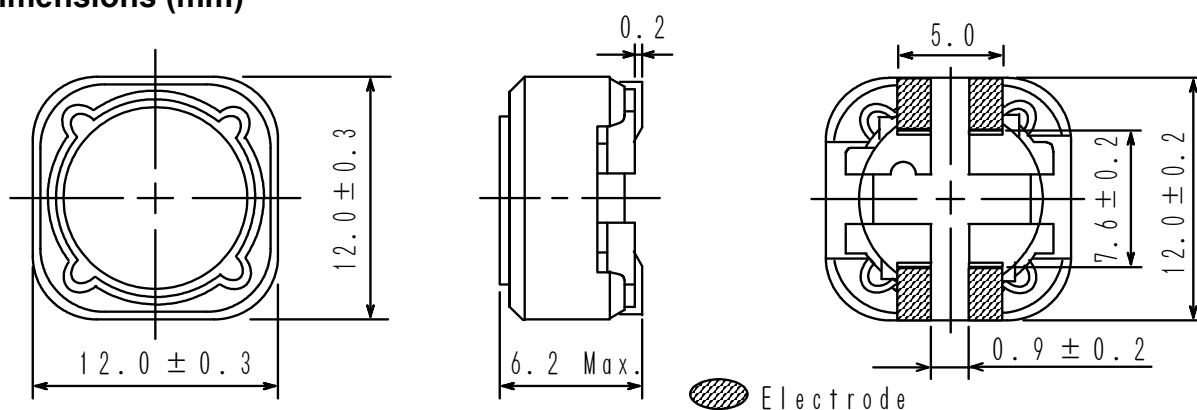
- 12.3×12.3mm Max.(L×W), 6.2mm Max. Height.
- Reference Inductance:22μH.
- Reference Rated current:2.3A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.



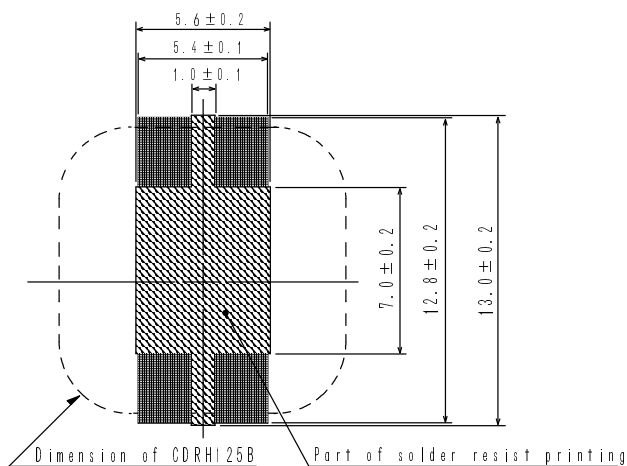
◆ Feature

- 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.

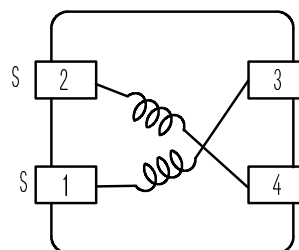
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics (Bottom)



"S" is winding start.

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◆ Specification

| | | Measuring conditions |
|-----------------------|--|----------------------|
| Inductance (2-4) | 22 μ H \pm 30% Within | 1kHz |
| Inductance (1-3) | 22 μ H Ref. | 1kHz |
| D.C.R. (1-3) | 107m Ω Max. (79m Ω Typ.) | at 20°C |
| Rated current (2-4) ※ | 2.3A | |
| Rated current (1-3) ※ | 2.3A | |

※ 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($T_a=20^{\circ}\text{C}$).