Type: CDRH124B

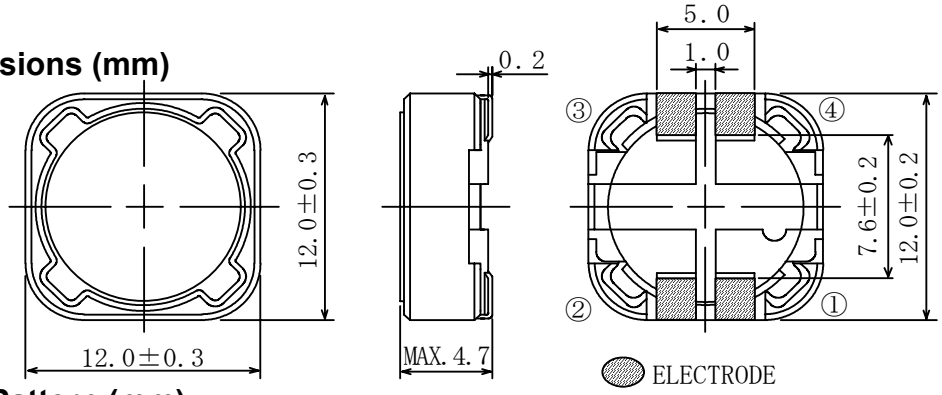
◆ Product Description

・12.3×12.3mm Max.(L×W), 4.7mm Max. Height.
・Reference Inductance:6.8μH; rated current: 5.0A
・In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

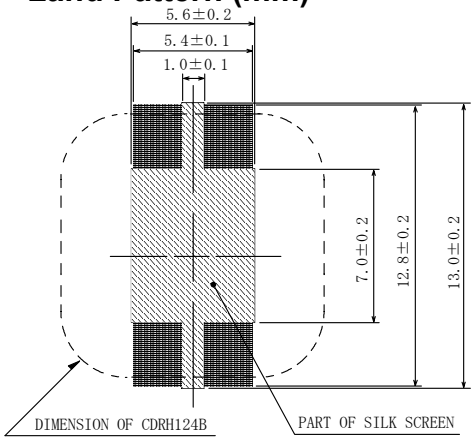
◆ Feature

・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 or Transformers.
・RoHS Compliance.

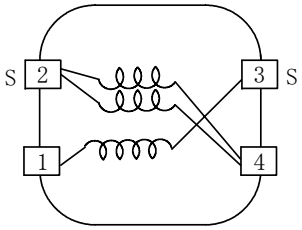
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics (Bottom)



"S" is winding start.

◆ Specification

			Measuring conditions
Inductance	(2-4)	6.8μH±20% Within	100kHz
D.C.R.	(3-1)	Max.733mΩ (TYP.587mΩ)	At 20℃
D.C.R.	(2-4)	Max.26mΩ (TYP.21mΩ)	At 20℃
Rated current	(2-4) ※	5.0A	
Rated current	(3-1) ※	0.65A	

※ This indicates the DC current at which the inductance decreases to 75% of its nominal value or D.C. current at which △t=40℃, whichever is lower.(Ta=20℃)