

**Type: CDRH4D16FC**

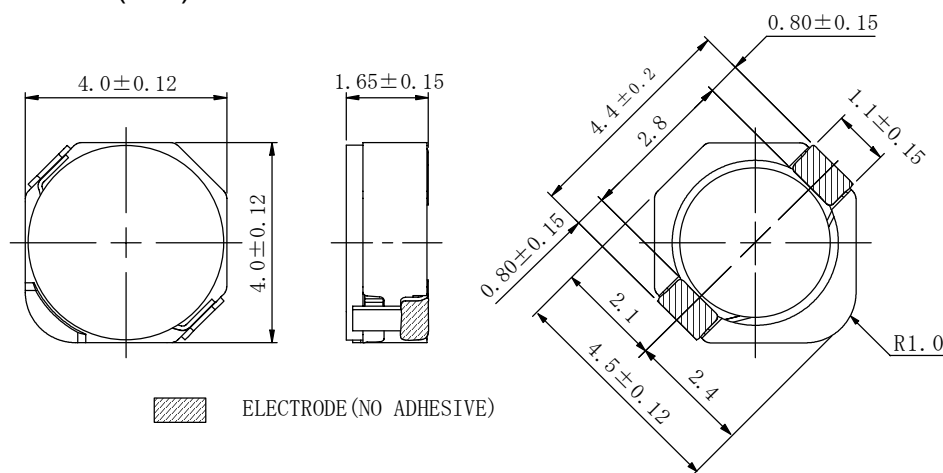
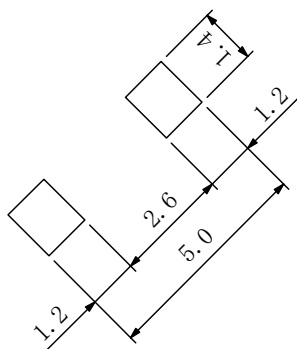
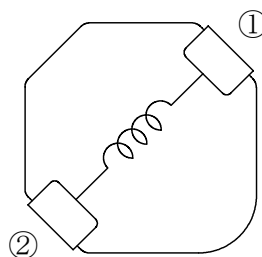
# SONY USE ONLY

**◆ Product Description**

- 4.12×4.12mm Max.(L×W), 1.8mm Max. Height.
- Inductance range: 4.7~33.0  $\mu$  H
- Rated current range: 0.43~1.2A

**◆ Feature**

- Magnetically shielded construction.
- Flat Wire used, Lower Heating Loss Type.
- Ideally used in DSC/DVC, Notebook PC, Game machine, DVD, LCD TV, STB etc as DC-DC Converter inductors.
- RoHS Compliance.

**◆ Dimensions (mm)**

**◆ Land Pattern (mm)**

**◆ Schematics (Bottom)**


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**◆ Specification**

| Part No.     | Packing | Stamp | Inductance<br>[Within]<br>100kHz/0.1V | D.C.R.(mΩ)<br>[Within]<br>(at 20℃) | Saturation current<br>[MAX.] (A) ※1 | Temperature<br>rise current<br>[MAX.](A)<br>※2 |
|--------------|---------|-------|---------------------------------------|------------------------------------|-------------------------------------|------------------------------------------------|
| 1-456-995-22 | REEL    | A     | 4.7 μH ± 20%                          | 4 5<br>+20%<br>-30%                | 1.20                                | 1.8                                            |
| 1-456-995-12 | BOX     |       |                                       |                                    |                                     |                                                |
| 1-456-996-22 | REEL    | B     | 10 μH ± 20%                           | 98<br>+20%<br>-30%                 | 0.80                                | 1.00                                           |
| 1-456-996-12 | BOX     |       |                                       |                                    |                                     |                                                |
| 1-456-997-22 | REEL    | C     | 33 μH ± 20%                           | 360<br>+20%<br>-30%                | 0.43                                | 0.50                                           |
| 1-456-997-12 | BOX     |       |                                       |                                    |                                     |                                                |

※1. Saturation current: The DC current at which the inductance decreases to 70% of it's nominal value.

※2. Temperature rise current: The DC current when the temperature rise is Δt=40℃(Ta=20℃).

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