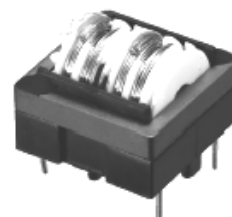


## Type: LF2420

### ◆ Product Description

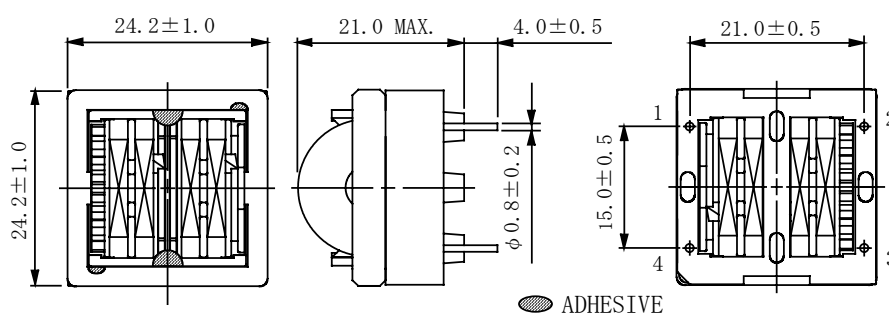
- 25.2×25.2mm Max.(L×W), 21.0mm Max. Height .
- Inductance range: 2.5mH~35mH
- Rated current range: 0.6~2.0A
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.



### ◆ Feature

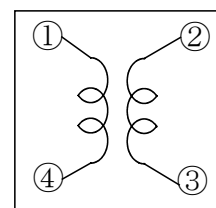
- Large inductance is possible with closed magnetic core.
- Inexpensive type.
- Excellent attenuation characteristics in low frequency range.
- Ideally used in TV,VCR,AV,OA equipment for noise prevention.
- RoHS Compliance

### ◆ Dimensions (mm)



- \* Dimension does not include solder used on coil.
- \* Terminal pitch is measured at the base(not from tip of the pin)

### ◆ Schematics (Bottom)



- \* Winding start is #1,#2 or #4,#3.
- \* #1&#2, #3&#4 : should be same polarity.

### ◆ Specification

| Part No.       | Stamp | Inductance<br>[MIN.](mH)<br>(4-1)or (3-2)<br>1kHz | Inductance<br>Balance<br>[MAX.] (μH) | D.C.R. (Ω)<br>[MAX.]<br>(4-1)(3-2)<br>(at 20°C) | Rated Current<br>(50/60Hz)<br>(Arms)※1 |
|----------------|-------|---------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------|
| LF2420NP-B-252 | 252   | 2.5                                               | 100                                  | 0.13                                            | 2.0                                    |
| LF2420NP-B-352 | 352   | 3.5                                               | 150                                  | 0.18                                            | 1.7                                    |
| LF2420NP-B-452 | 452   | 4.5                                               | 200                                  | 0.21                                            | 1.5                                    |
| LF2420NP-B-103 | 103   | 10.0                                              | 300                                  | 0.47                                            | 1.0                                    |
| LF2420NP-B-153 | 153   | 15.0                                              | 400                                  | 0.73                                            | 0.8                                    |
| LF2420NP-B-203 | 203   | 20.0                                              | 600                                  | 0.87                                            | 0.7                                    |
| LF2420NP-B-353 | 353   | 35.0                                              | 800                                  | 1.58                                            | 0.6                                    |

※1. Rated current: The AC current at which the temperature rise is  $\Delta t=45^{\circ}\text{C}$ . ( $T_a=20^{\circ}\text{C}$ ).