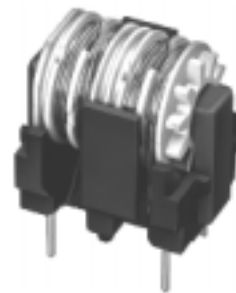


## Type: LF2020

### ◆ Product Description

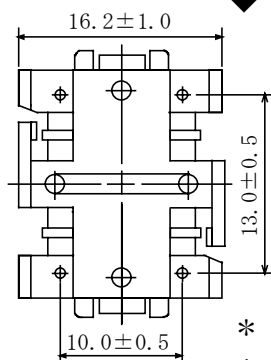
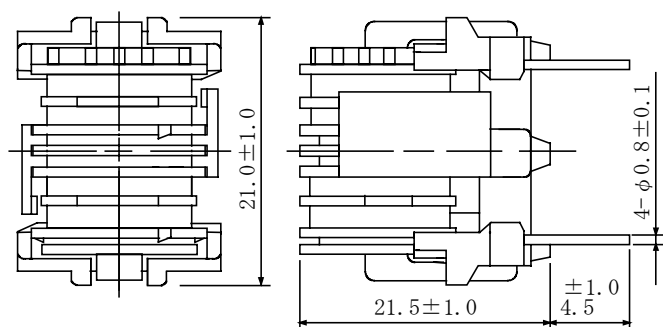
- 22.0×17.0mm Max.(L×W), 22.5mm Max. Height
- Inductance Range: 2.2mH~33mH
- Rated current range: 0.3~1.30A(LF2020)
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.



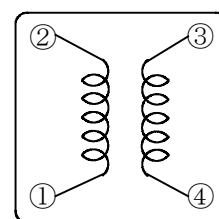
### ◆ Feature

- Small size and large inductance type.
- Excellent attenuation characteristics in low frequency.
- Ideally used in noise prevention for TV,VCR,AV,OA equipment.
- RoHS Compliance

### ◆ Dimensions (mm)



### ◆ Schematics (Bottom)



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

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

### ◆ Specification

| Part No.       | Stamp | Inductance [MIN.]<br>(mH) (1-2)( 4-3)<br>1kHz | Inductance<br>Balance<br>[MAX.] (μ H) | D.C.R. (Ω)<br>[MAX.] (1-2)(4-3)<br>(at 20℃) | Rated current<br>(50/60Hz)<br>(Arms)※1 |
|----------------|-------|-----------------------------------------------|---------------------------------------|---------------------------------------------|----------------------------------------|
| LF2020NP-B-222 | 222   | 2.2                                           | 150                                   | 0.24                                        | 1.3                                    |
| LF2020NP-B-392 | 392   | 3.9                                           | 150                                   | 0.41                                        | 1.0                                    |
| LF2020NP-B-103 | 103   | 10                                            | 550                                   | 1.00                                        | 0.6                                    |
| LF2020NP-B-183 | 183   | 18                                            | 600                                   | 1.63                                        | 0.5                                    |
| LF2020NP-B-223 | 223   | 22                                            | 800                                   | 2.04                                        | 0.4                                    |
| LF2020NP-B-333 | 333   | 33                                            | 800                                   | 3.42                                        | 0.3                                    |

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