



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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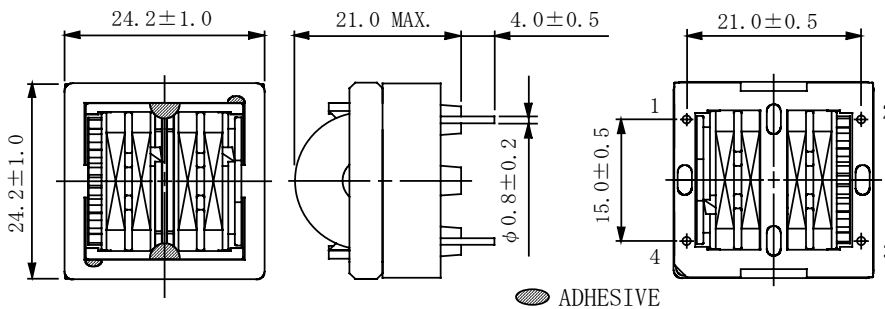


**Type: LF2420**
**◆ Product Description**

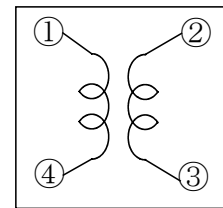
- 25.2 × 25.2mm Max.(L × W), 21.0mm Max. Height .
- Inductance range: 2.5mH ~ 35mH
- Rated current range: 0.6 ~ 2.0A
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.


**◆ 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 [MIN.](mH) (4-1)or (3-2) 1kHz	Inductance Balance [MAX.] (μ H)	D.C.R. (Ω) [MAX.] (4-1)(3-2) (at 20°C)	Rated Current (50/60Hz) (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 Δt=45°C.(Ta=20°C).