



**THE DATASHEET OF
LF2420NP-252**

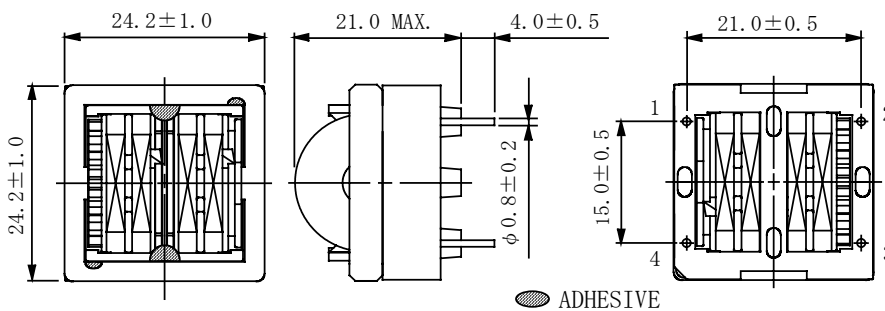


Type: LF2420
◆ Product Description

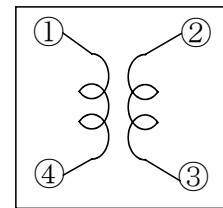
- 25.2 × 25.2mm Max.(L × W), 21.0mm Max. Height .
- Inductance range: 2.5mH ~ 35mH
- Rated current range: 0.6 ~ 2.0A
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.


◆ 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.] (μH)	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).

Looking for pricing, stock, or lifecycle information?

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