

# AC Common Mode Choke Coil

## LF2420B



New Recommended Type

### Key Features

- Excellent attenuation characteristics in low frequency range
- LxWxH: 26.0x26.0x21.0mm (Max.)
- Withstand voltage: AC 2kV
- Product weight: 19g (Ref.)
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements



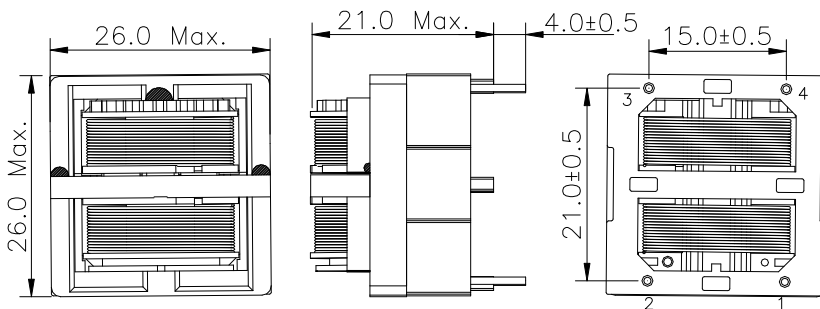
### Applications

- Ideally used in noise prevention for TV, VCR, AV, OA equipments

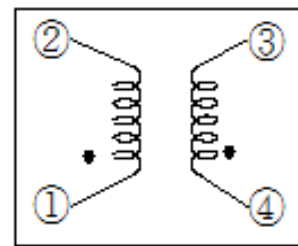
### Environmental Data

- Operating temperature range: -40°C~+80°C (including temperature rise of coil)
- Storage temperature range: -40°C~+80°C

### Dimensions – [mm]



### Wire Connection (Bottom)



“●” indicates the same polarity

### Electrical Characteristics

	Specification	Measuring condition
Inductance (1-2) and (4-3)	15.5mH Min.	40kHz, 1V
Inrush current (1-2) and (4-3)	135Vac 30A	2mS W/1Pulse
D.C.R. (1-2) and (4-3)	510mΩ Max.	At 20°C
Hi-pot (1-2) and (4-3)	AC 2000Vrms	2mA 50/60Hz 60S
Rated current (1-4)	1.0A	Pin (2+3) shorted
Insulation resistance	100MΩ Min.	500V DC

- ※ Temperature rise rated current: the current when temperature of coil increases up to max.  $\Delta t=45^{\circ}\text{C}$  ( $t_a=20^{\circ}\text{C}$  in typical).
- ※ Winding turns: approx. winding ratio: 1:1.
- ※ Solder Temperature:  $270\pm 10^{\circ}\text{C}$  for  $5\pm 0.5$  Sec.
- ※ Inrush current is just design guarantee.



For sales office information, please [click here](#) to visit our website.

Note: This specification is subject to change without notice. Please contact your nearest sales office for updated information when placing an order.