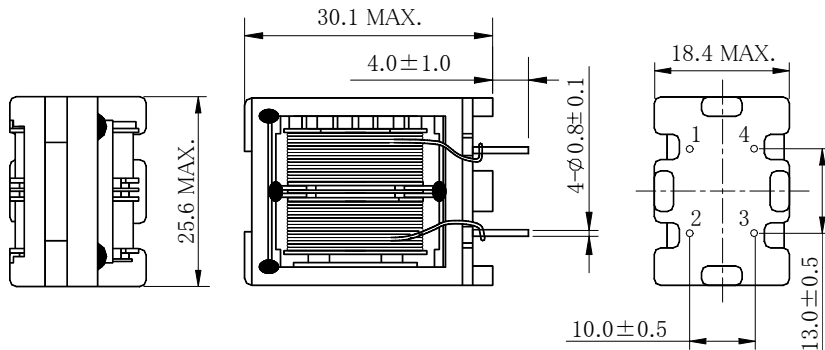


**Type: LF2429**
**◆ Product Description**

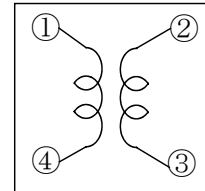
- 25.6 × 18.4mm Max.(L × W), 30.1mm Max. Height.
- Inductance range: 4.5mH
- Rated current range: 2.5A
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.


**◆ 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, #4&#3 : should be same polarity.

**◆ Specification**

Part No. E139369

		Measuring condition
Inductance (3-2) and (4-1)	4.5mH MIN. (7.0mH TYP.)	1kHz, 0.1V
Inductance Balance $\Delta L =  L1 - L2 $	200 $\mu$ H MAX.	1kHz, 0.1V
D.C.R. (3-2) and (4-1)	110m $\Omega$ MAX.(85m $\Omega$ TYP.)	at 20°C
Rated Current ※1 (3-4)	2.5A	(PIN#1 & PIN#2 shorted)

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