

### FEP2300 Series

#### Features

- high rated current
- Low DC resistance
- RoHS-compatible

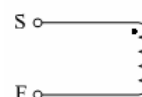


#### Applications

- DC/DC converters
- VRM modules

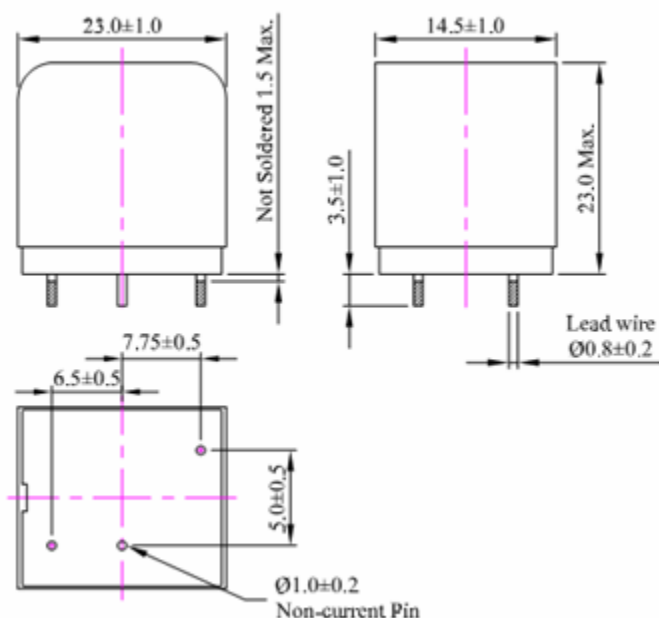
#### Mechanical

#### Schematic

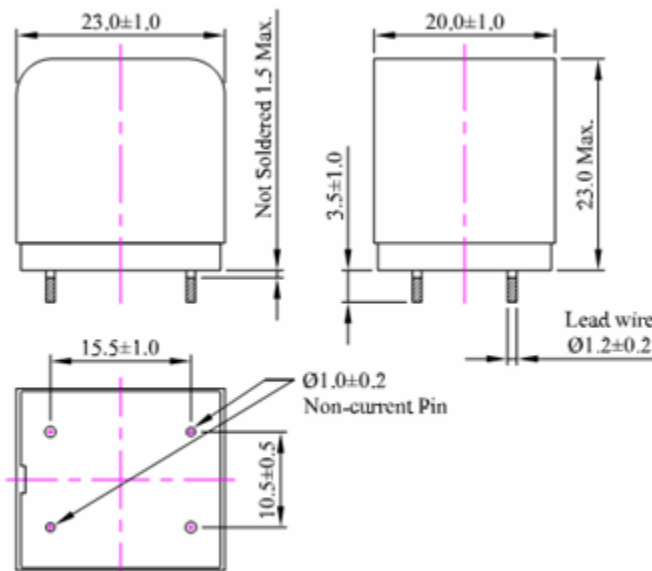


\* " • " indicate windings start.

#### FEP2314



#### FEP2320



\* All dimensions excluded solder icicles.

#### Electrical Specifications

Part No.	L ( $\mu$ H $\pm$ 20%) *1	DCR *2 m $\Omega$ Max.(Typ)	Isat *3 A Max	Irms *4 A Max
FEP2314-200M	20.0	21.0 (15.7)	21.0	10
FEP2320-220M	22.0	11.0 (8.20)	18.5	15

\*1. Inductance: measure at 1kHz, 1.0V on an Agilent / HP 4284A LCR meter or equivalent.

\*2. DCR: measure at 25°C.

\*3. Isat: DC current at which the inductance drops 25% from its original value without current.

\*4. Irms: Current that causes 40°C temperature rise from 25°C ambient.

The characteristics can also be tailored for the customer if need.