# Power Line chokes - EF20 Series
# Current-compensated E core double chokes

**Meisongbei**



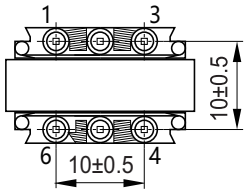

## Features

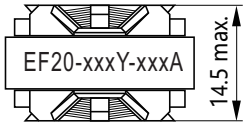
- High resonance frequency
- Low whirring noise
- Suitable for wave soldering
- Closed PET coil former (UL 94 V-0)
- Custom designs available

## Applications

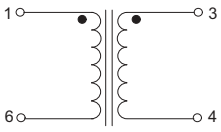
- Switch-mode power supplies
- Electronic ballasts for lamps
- Suppression of common mode interferences

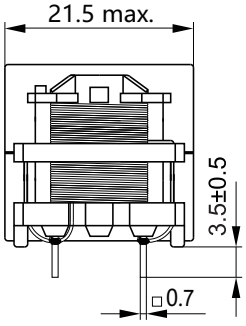
## Dimensions & Configurations (Unit:mm)

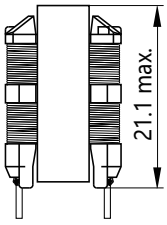


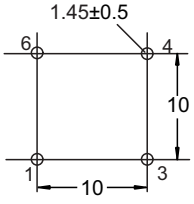




Schematic




## Electrical Characteristics For EF20 Common mode Series

| Part Number | Inductance [mH] (+50%/-30%) | Rated Current [A] (Max.) | DCR [Ω] (Max.) |
|---|---|---|---|
| EF20-332Y-1.8A | 3.3 | 1.8 | 0.20 |
| EF20-682Y-1.3A | 6.8 | 1.3 | 0.37 |
| EF20-103Y-1.0A | 10 | 1.0 | 0.63 |
| EF20-153Y-0.8A | 15 | 0.8 | 0.95 |
| EF20-273Y-0.65A | 27 | 0.65 | 1.60 |
| EF20-393Y-0.55A | 39 | 0.55 | 2.20 |
| EF20-473Y-0.45A | 47 | 0.45 | 2.80 |
| EF20-683Y-0.35A | 68 | 0.35 | 4.40 |
| EF20-104Y-0.30A | 100 | 0.30 | 6.60 |

- Inductance tested at 10kHz 20°C
- Idc: Current to cause 40°C temperature rise.
- Hi-pot: 1500VAC
- Rated voltage: 250VAC (50/60Hz)