

CV106I Series Chokes

5.0uH-100uH, Current 1.0A-20A



CHARACTERISTICS

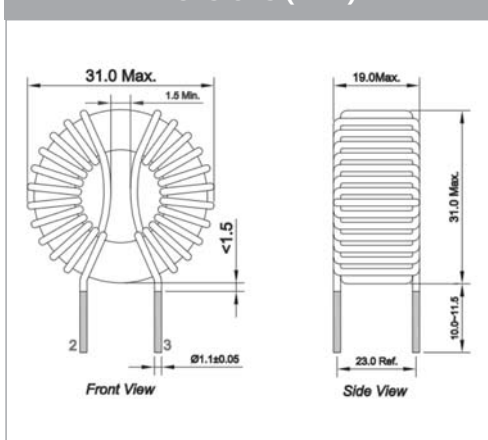
- The core is made of Iron Powder
- Decreasing noise by using 10kHz to 200MHz
- It is mainly applied in AC inductor converter, switch power supplies, EMC filter, wind power, household appliances
- Operating temp. -65 °C to +125°C

Electronic Specification

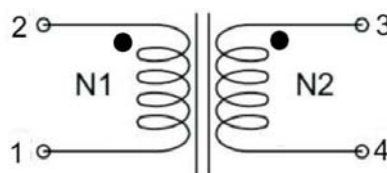
| MN code | Rated current per winding (A) | Inductance Per winding (uH-10%/+10%) | DC resistance (mΩ) | Suggested PCB hole (mm) |
|---------|-------------------------------|--------------------------------------|--------------------|-------------------------|
| 174240 | 20.0 Max | 5.0 | 2.0 Max | Φ2.2 |
| 173790 | 7.0 Max | 15.0 | 15.0 Max | Φ1.3 |
| 174241 | 3.5 Max | 20.0 | 25.0 Max | Φ1.0 |
| 174242 | 2.0 Max | 42.0 | 75.0 Max | Φ0.8 |
| 174243 | 1.0 Max | 100.0 | 170.0 Max | Φ0.6 |

Remark: Testing conditions at 20°C, 10.0kHz, 0.1V; Testing voltage: 1500Vac – 50Hz, 3 sec, Related voltage: 250V-50Hz and +60°C ambient temperature.

Dimensions (mm)



Schematic



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