

DC common mode choke CPFC11D60



Features

- SMD type / Low profile / High reliability (Metal terminal structure)
- Excellent impedance characteristics (Up to 6.0A)
- Operating temperature range: -40°C to +125°C (including self-heating)
- AEC-Q200 / RoHS compliant



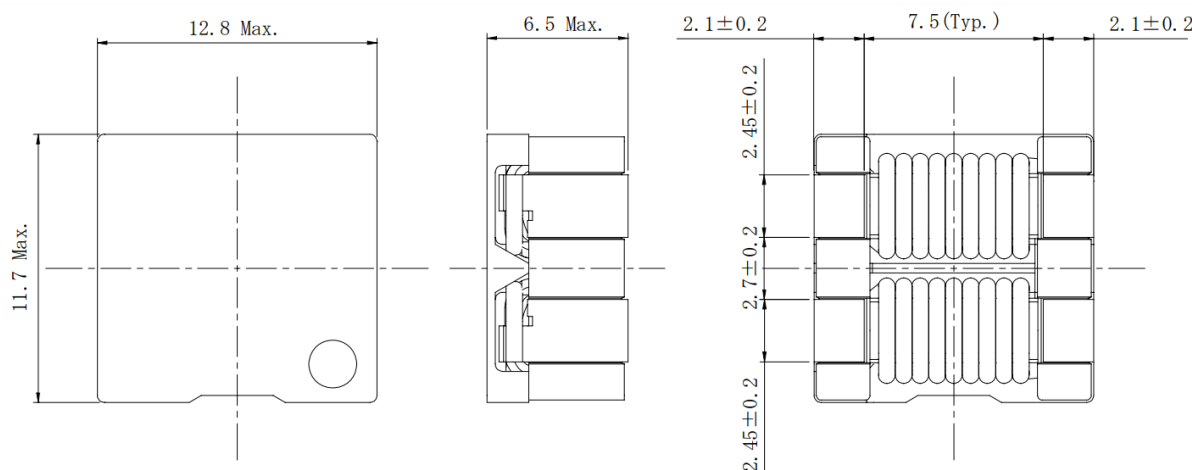
Applications

- HVAC system (Electric compressor, PTC heater for Air conditioner), Traction inverter, OBC, Powertrain etc. in automotive
- Noise suppression for DC power supply
- Available for various electronic devices in industrial and consumer

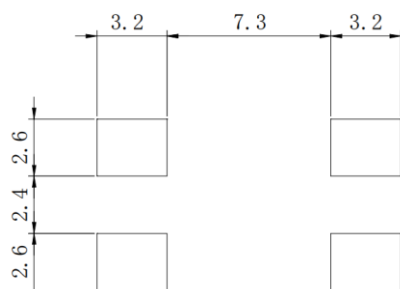
*Custom winding
design available*

Dimension

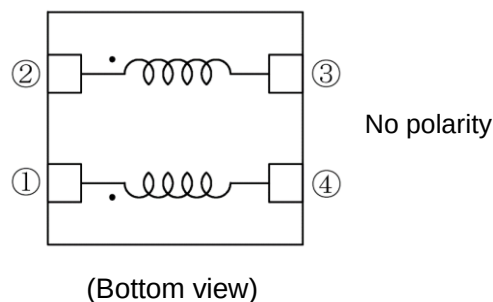
- Size (L x W x H): 12.8 × 11.7 × 6.5mm (Max)



Recommended Land pattern (mm)



Terminal connection



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

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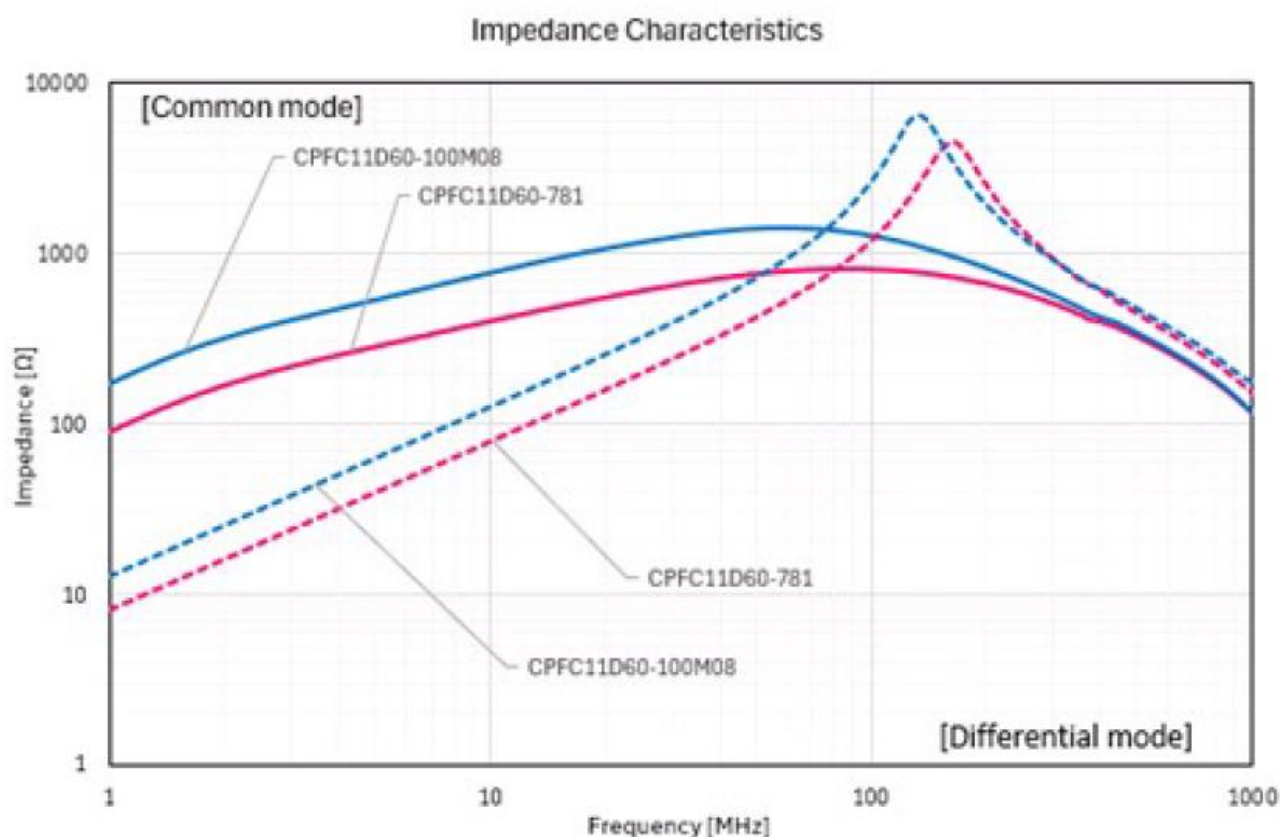


Electrical specifications

Part No.	Common mode Impedance	DCR (per line)	Rated Current
CPFC11D60-100M08	800Ω Min	8.0mΩ Max	6.0A
CPFC11D60-781	500Ω Min	6.5mΩ Max	7.0A
Measurement conditions	(1-2, 3-4) shorted at 100MHz, 0.1V	Between (1-4)&(2-3) at 20°C	(1-2)(3-4) shorted

※ Rated Current: The value of DC current when the temperature rise of coil becomes $\Delta t = 40^\circ\text{C}$ ($T_a = 20^\circ\text{C}$)

Impedance characteristics (Reference)



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

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