



# Power Line Common Mode Choke – ARCDC Series



## PRODUCT IDENTIFICATION

<u>A</u> ①	<u>R</u> ②	<u>C</u> ③	<u>D</u> ④	<u>C</u> ⑤	<u>XX</u> ⑥	<u>XX</u> ⑦	<u>XX</u> ⑧	<u>C</u> ⑨	<u>XX</u> ⑩	<u>XX</u> ⑪	<u>B</u> ⑫
① Product Type A Automotive	② Core Type R Ring Core	③ Product Type. C Common Mode Choke	④ Mounting Type D Dip Type	⑤ Mounting Type C No Base	⑥ Product Length (Typ.) XX XX mm	⑦ Product Width XX XX mm	⑧ Product Height XX XX mm	⑨ Product Series C Type C	⑩ Nominal Inductance 100 10uH 101 100uH	⑪ Winding Code 1~3	⑫ Packing B Box

## FEATURES

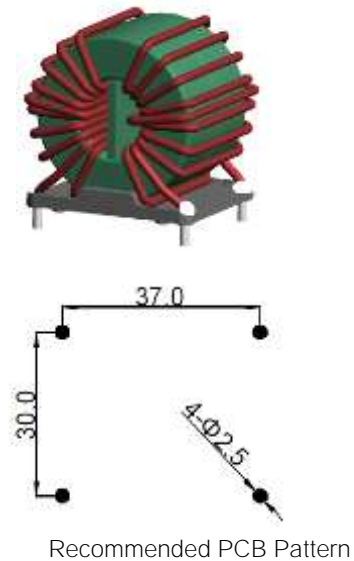
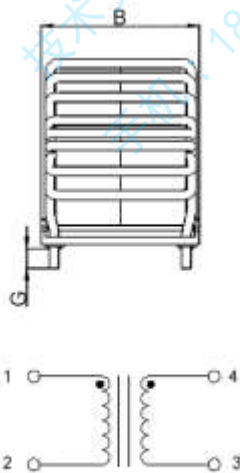
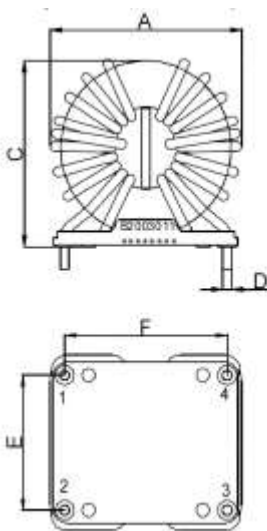
- High reliability
- High current, low loss
- AEC-Q200 verified

## APPLICATIONS

- for Power Line

## ARCDC483842 Series

Operating Temp. : -40°C~+125°C(Including self-heating)



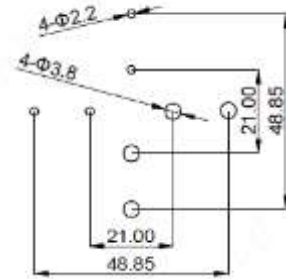
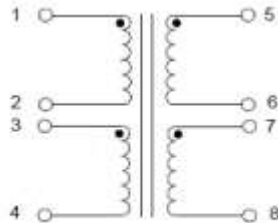
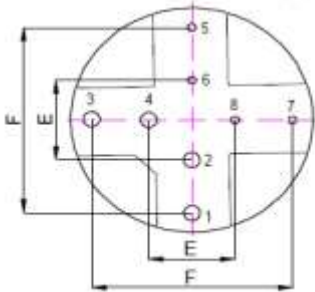
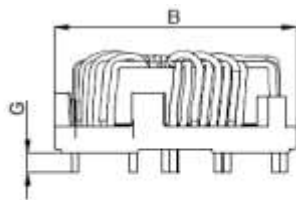
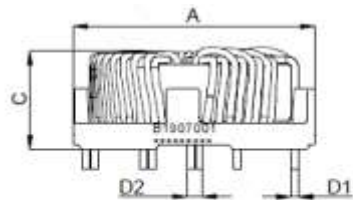
Recommended PCB Pattern

Unit: mm

A	B	C	D	E	F	G
47.5 Max.	37.5 Max.	41.5 Max.	2.0±0.10	30.0±0.3	37.0±0.3.	4.5±0.5.

## ARCDC606030 Series

Operating Temp. : -40°C~+105°C(Including self-heating)



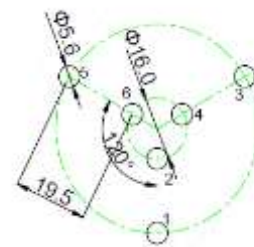
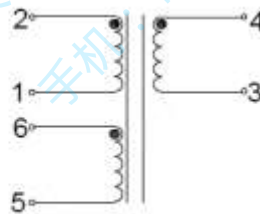
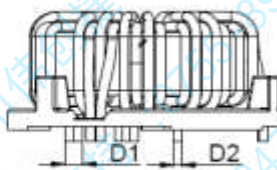
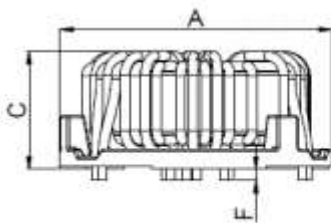
Recommended PCB Pattern

Unit: mm

A	B	C	D1	D2	E	F	G
60 Max.	60 Max.	30 Max.	1.6±0.20	3.2±0.3	21.0±0.5.	48.85±0.5.	5.0±0.5

## ARCDC646430 Series

Operating Temp. : -40°C~+105°C(Including self-heating)



Recommended PCB Pattern

Unit: mm

A	B	C	D1	D2	E	F
64.0 Max.	19.5±0.3	30.0 Max.	4.4±0.4	2.2±0.3	8.0±0.3.	5.1±0.5.

## CUSTOMIZED PRODUCT PRESENTATION

We can customize the Common Mode Choke for power line according to AEC-Q200 or your requirements.

### Remark:

※The picture is for reference and the real product may be different.

※Recommended storage conditions : 10°C~30°C, 70%RH (Max.)

※We can customize products according to your requirements. Please contact your local sales.