



# LLC Transformer – ATWPPQ Series

Customized



## PRODUCT IDENTIFICATION

A    T    W    P    PQ    XX    XX    XX    A    XX    XX    P  
 ①    ②    ③    ④    ⑤    ⑥    ⑦    ⑧    ⑨    ⑩    ⑪    ⑫

①	②	③														
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## FEATURES

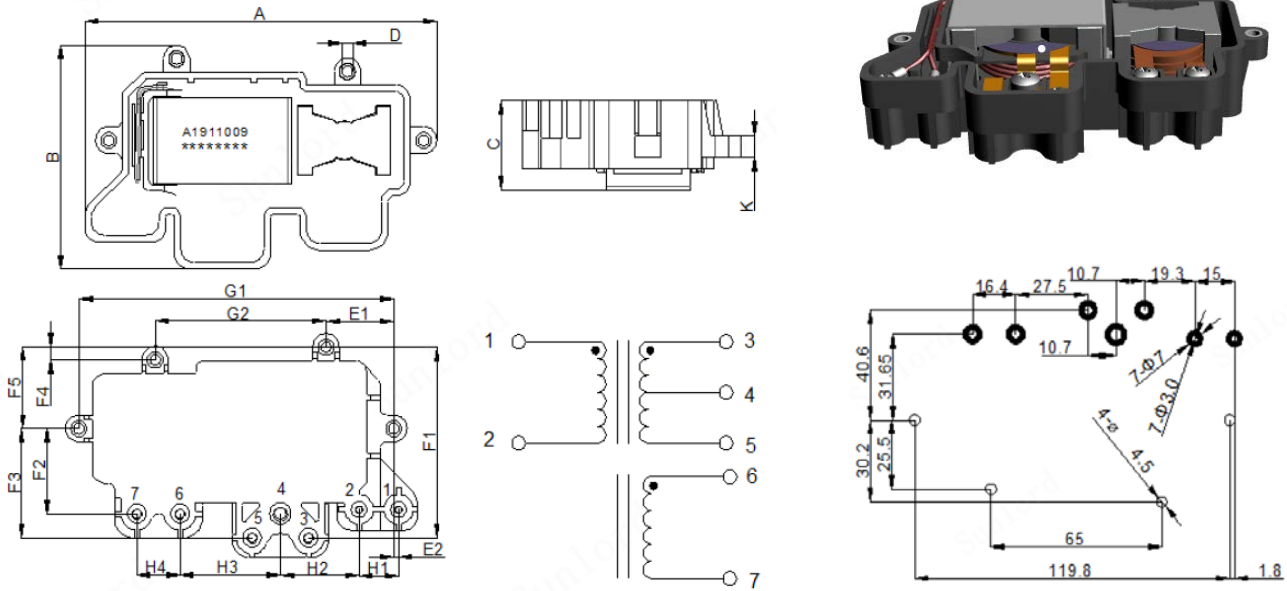
- The product is highly integrated
- High current, low loss
- AEC-Q200 verified

## APPLICATIONS

- On-Board charger
- DC-DC converter

## ATWPPQ508434 Series

Operating Temp.: -40~155°C ( Including self-heating )

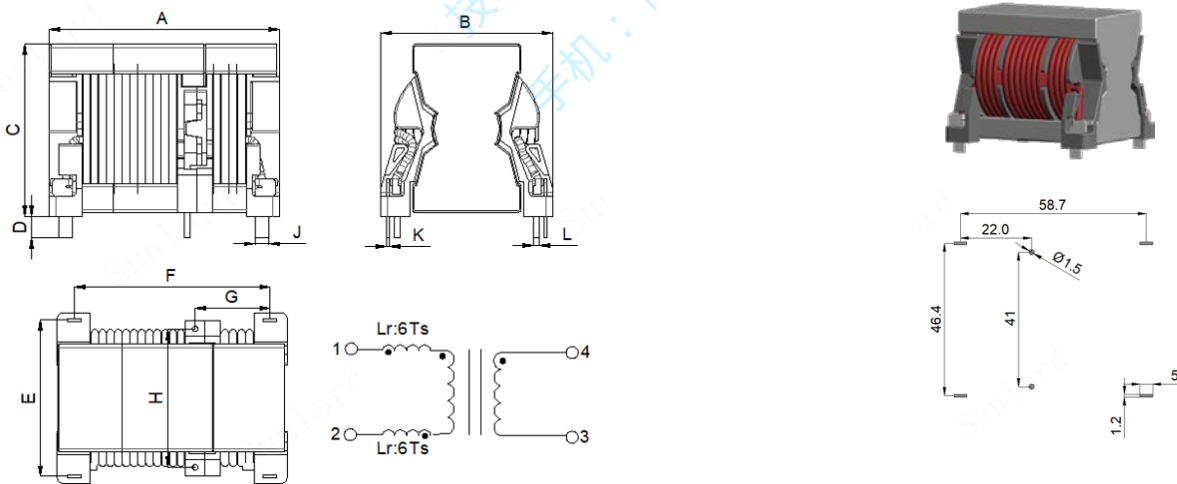


Recommended PCB pattern  
Unit: mm

A	B	C	D	E1	E2
134.0Max.	83.5Max.	34.0Max.	4.0±0.2	25.8±0.2	1.8±0.1
F1	F2	F3	F4	F5	G1
70.7±0.4	31.65±0.3	40.5±0.3	4.7±0.15	30.2±0.2	119.8±0.5
G2	H1	H2	H3	H4	K
65±0.3	15±0.2	30±0.3	38.2±0.3	16.4±0.2	8.0±0.15

## ATWPPQ505252 Series

Operating Temp.: -40~125°C

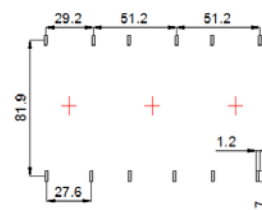
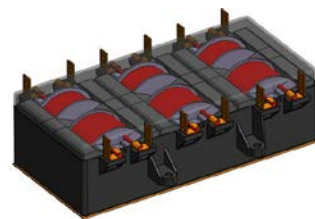
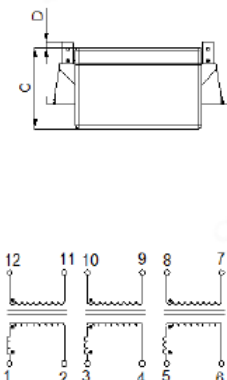
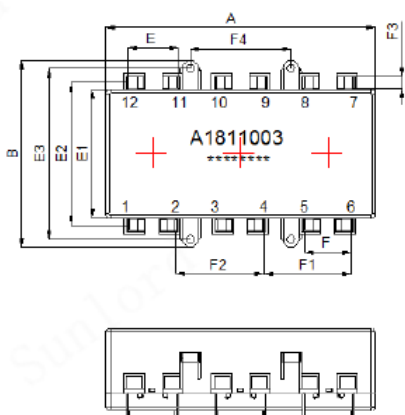


Recommended PCB pattern  
Unit: mm

A	B	C	D	E	F	G	H	J	K	L
71Max.	52Max.	52Max.	5.0±0.5	46.4±0.4	58.7±0.4	22±0.3	41±0.3	4.0±0.2	0.8±0.15	1.0±0.2

## ATWPPQ508847 Series

Operating Temp.: -40~85°C



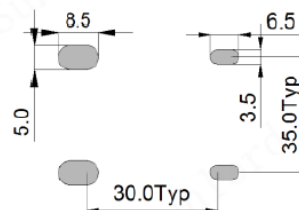
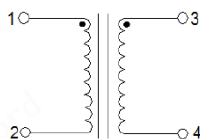
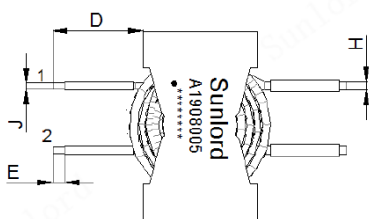
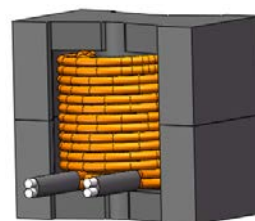
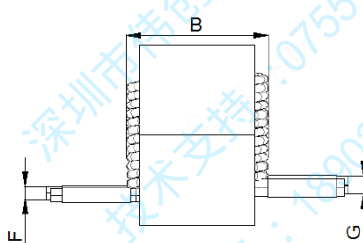
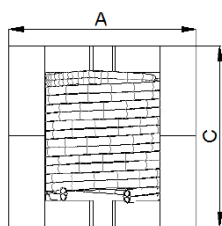
Recommended PCB pattern

Unit: mm

A	B	C	D	E	E1	E2
157.5Max.	107Max.	46.5Max.	3.5±0.3	29.2±0.3	74.5±0.5	81.9±0.2
E3	F	F1	F2	F3	F4	
97.8±0.5	27.6±0.3	51.2±0.3	51.2±0.3	6.3 typ.	58.9±0.2	

## ATWPPQ656264 Series

Operating Temp.: -40~125°C



Recommended PCB pattern

Unit: mm

A	B	C	D	E	F	G	H	J
66.2Max.	52Max.	62.5Max.	100Min.	7.5±1.0	7.5±1.0	5.0±1.0	2.3±0.8	3.7±0.8

## CUSTOMIZED PRODUCT PRESENTATION

We can customize the LLC Transformers 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.

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