

Customized



# Pulse Transformers – ALTW Series

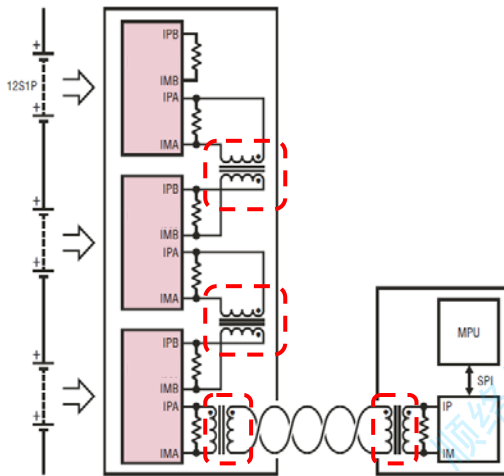
Operating Temp. : -40°C~+150°C

## FEATURES

- RoHS compliant
- High reliability
- High network transmission performance
- AEC-Q200 verified

## APPLICATIONS

- Daisy-Chain communication circuit of BMS



## PRODUCT IDENTIFICATION

A      LT      W      1209      C - C01      T      F  
 ①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧

①	Product Type
A	Automotive

②	Type
LT	for Network Transmission Transformer

③	Structure
W	Wire

④	External Dimensions (L×W) (mm)
1209	Dimension Code

⑤	Feature Type
C	Type C

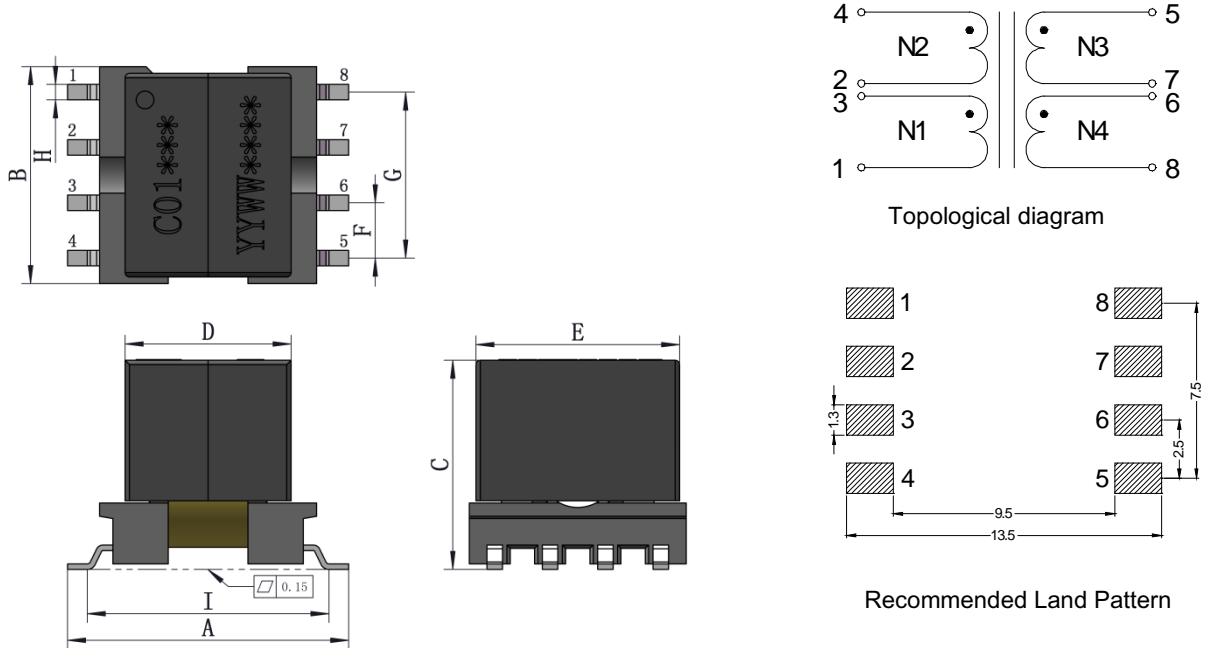
⑥	Design Code
	C01
	C02
	C03

⑦	Packing
T	Tape& Reel

⑧	HSF Products
	Hazardous Substance Free Products

## SHAPE AND DIMENSIONS

ALTW1209C



Unit: mm

A	B	C	D	E	F	G	H Ref.	I Ref.
12.70 (-0.20, +0.40)	10.20Max.	10.50Max.	7.60Max.	9.40Max.	2.50±0.20	7.50±0.20	0.70	10.60

## SPECIFICATION

ALTW1209C-C01TF

ITEMS	Test Terminal	Specification	Test Condition
Inductance	(1-4)@short (2, 3) or (8-5)@short (6, 7)	680μH Min.	10KHz; 20mV
Leakage Inductance	(1-4) with short (6, 7; 8, 5; 2, 3)	2.0μH Max.	10KHz; 20mV
DCR	(1-4)@short (2, 3) or (8-5)@short (6, 7)	0.92ΩMax.	AT 25±5°C
Turns Ratio	N1 : N2 : N3 : N4	1:1:1:1±5%	10KHz; 20mV
C <sub>ww</sub>	(1, 2, 3, 4 - 5, 6, 7, 8)	12.0pF Max.	10KHz; 20mV
Hi-POT	Pri. to Sec. (1-2-3-4 to 5-6-7-8)	No breakdown	2000V <sub>AC</sub> /50Hz/1mA/60sec.