

Wire Wound Chip Common Mode Choke Coil – ACW Series

Operating Temp. : -40°C~+125°C



FEATURES

- Winding type realizes small size and low profile
- Prevention of common mode noise at high frequency
- Excellent solderability
- AEC-Q200D verified

APPLICATIONS

- Common mode noise filtering for automotive CAN bus

PRODUCT IDENTIFICATION

<u>ACW</u> ①	<u>4532</u> ②	<u>B</u> ③	<u>-2</u> ④	<u>-110</u> ⑤	<u>T</u> ⑥	<u>F</u> ⑦
①	②		③		④	
①	②		③		④	
⑤	⑥		⑦		⑧	
①	②		③		④	
⑤	⑥		⑦		⑧	

①	②		③		④	
⑤	⑥		⑦		⑧	

Type	
ACW	Winding Type Common Mode Choke Coil

External Dimensions (L×W) (mm)	
4532 [1812]	4.5×3.2

Code	
B	CAN For CAN bus

Number of Lines	
2	

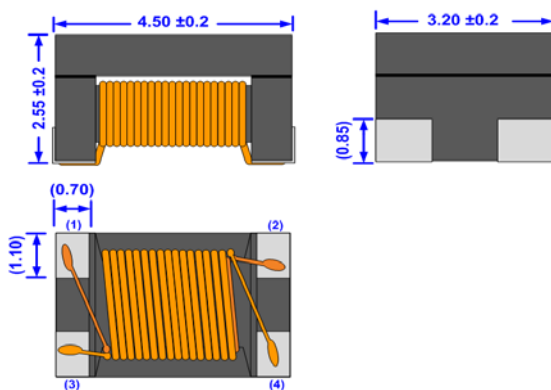
Packing	
T	Tape & Reel

Inductance(μH)	
Example	Nominal Value
110	11
220	22
510	51
101	100

Hazardous Substance Free Products	
F	

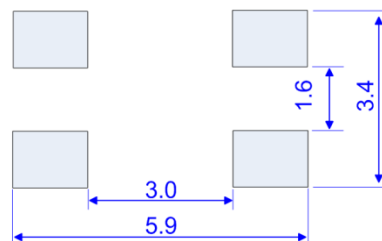
SHAPE AND DIMENSIONS

ACW4532B TYPE



Recommended Land Pattern

Unit: mm



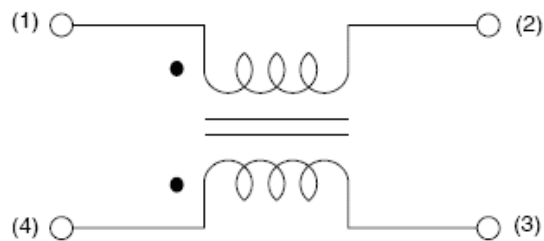
SPECIFICATIONS

ACW4532B TYPE

Part Number	Inductance	DC Resistance	Rated Current	Rated Voltage	Insulation Resistance
	+50%/-30%	Max	Max		Min
Units	uH	Ω	mA	Volts	M Ω
Symbol	L	DCR	I _r	V _{DC}	IR
ACW4532B-2-110TF	11(@ 100KHz/0.1V)	0.5	360	50	10
ACW4532B-2-220TF	22(@ 100KHz/0.1V)	0.8	310	50	10
ACW4532B-2-510TF	51(@ 1.0MHz/0.1V)	1.0	230	50	10
ACW4532B-2-101TF	100(@ 1.0MHz/0.1V)	2.0	200	50	10

※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

EQUIVALENT CIRCUIT



TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency

