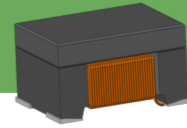


Wire Wound Chip Common Mode Choke –AMCW -F Series



Operating Temp : -40°C ~+150°C

FEATURES

- ◆ Winding type, small size and low profile
- ◆ Manufactured with fully-automated processes for high reliability and consistent quality
- ◆ Excellent solderability
- ◆ AEC-Q200 verified

APPLICATIONS

- ◆ Automotive CAN-FD system

PRODUCT IDENTIFICATION

1	2	3	4	5	6
AMCW	4532	F	-2	-101	T

1 Type	
AMCW	Wire Wound Chip Common Mode Choke for Automotive

2 External Dimensions (L×W) (mm)	
3225 [1210]	3.2×2.5
4532 [1812]	4.5×3.2

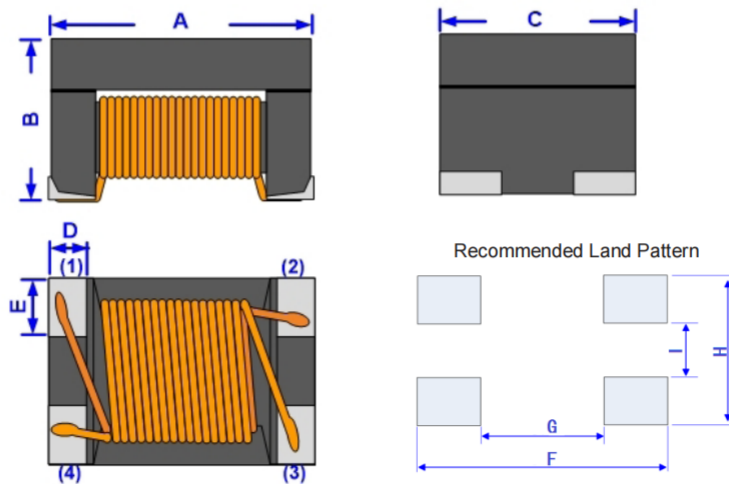
3 Code	
F	for CAN-FD

4 Inductance(uH)	
Example	Nominal Value
101	100

5 Number of Lines	
2	

6 Packing	
T	Tape & Reel

SHAPE AND DIMENSIONS



Series	A	B	C	D	E	F	G	H	I
AMCW3225F	3.20±0.20	2.20±0.20	2.50±0.20	0.70	1.05	4.10	2.00	2.50	0.40
AMCV4532F	4.50±0.20	2.30±0.20	3.20±0.20	1.00	1.25	5.50	2.90	3.20	0.70

Unit: mm

SPECIFICATIONS AMCW3225F TYPE

Part Number	Inductance @100KHz/0.1V	DC Resistance	Rated Current	Rated Voltage	Insulation Resistance
	+50%/-30%	Max.	Max.	Max.	Min.
Units	uH	Ω	mA	Volts	M Ω
Symbol	L	DCR	I _r	V _{DC}	IR
AMCW3225F-2-101T	100	2.5	150	50	10

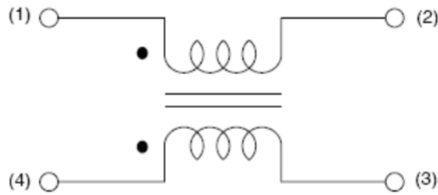
AMCW4532F TYPE

Part Number	Inductance @100KHz/0.1V	DC Resistance	Rated Current	Rated Voltage	Insulation Resistance
	+50%/-30%	Max.	Max.	Max.	Min.
Units ¹⁷	uH	Ω	mA	Volts	M Ω
Symbol	L	DCR	I _r	V _{DC}	IR
AMCW4532F-2-101T	100	2.0	200	50	10

1. Storage temperature range (packaging conditions): -10°C ~ +40°C and RH 70% (Max.)

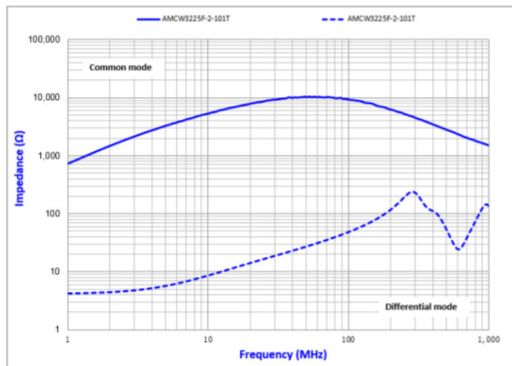
※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

EQUIVALENT CIRCUIT

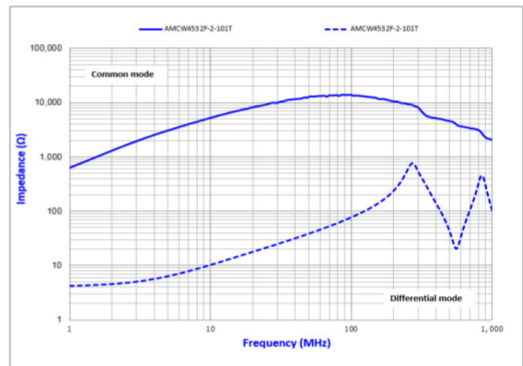


TYPICAL ELECTRICAL CHARACTERISTICS

AMCW3225F TYPE
Impedance vs. Frequency



AMCW4532F TYPE
Impedance vs. Frequency



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[UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#) [CM7060M132R-10](#) [UALW21HS072450](#)
[UALSU9H0208000](#) [UAL24VK06450CH](#) [PLT10HH501100PNB](#) [PLT10HH401100PNB](#) [PLT10HH1026R0PNB](#) [36-00029-01](#) [PE-67531](#)
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[PAC6006.264NLT](#) [PH9408.105NLT](#) [PH9408.494NLT](#) [PAC6006.104NLT](#)