

# PRODUCT SPECIFICATION AEC-Q200

SPEC. NO.

T-0602-213C



## 1. Scope

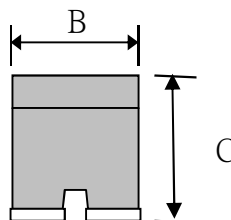
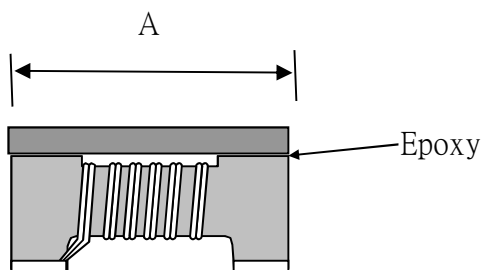
This specification applies ferrite Chip common mode filters CMF4532FC-SERIES for automotive Electronics based on AEC-Q200 except for Power train and Safety.

## 2. Product Identification

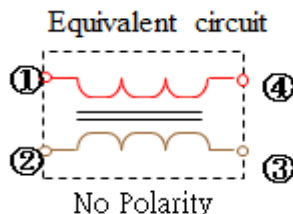
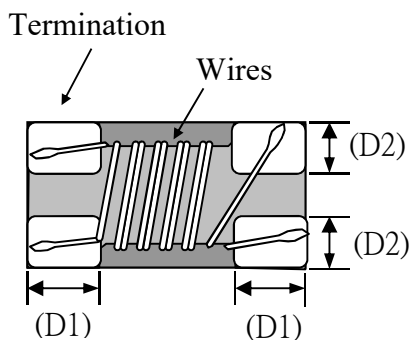
CMF 4532 FC - 102 - 2P - T  
 (1) (2) (3) (4) (5) (6)

- (1) Product name
- (2) Shapes and dimensions
- (3) Automotive
- (4) Impedance 【 at 100MHz】  
102:1000Ω
- (5) Number of Line  
2P:2-Line
- (6) Taping Type

## 3. Shapes and Dimensions [Dimensions in mm]



A :  $4.5 \pm 0.2$  mm  
 B :  $3.2 \pm 0.2$  mm  
 C :  $2.8 \pm 0.2$  mm  
 D1 :  $1.0 \pm 0.1$  mm  
 D2 :  $1.2 \pm 0.1$  mm



Drawn by	Checked by	Approved by
Cindy Jul.12.2022	Zhengy Jul.12.2022	Shi Jul.12.2022

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**4. Electrical Characteristics****4-1 Electrical Spec.**

Our Product Part Number	Z( $\Omega$ ) Common Mode Impedance at 100MHz	DCR( $\Omega$ ) Max.	Idc(mA) Max.	Rated Voltage Vdc (V)Typ.	Withstand Voltage Vdc(V)	Insulation Resistance IR (M $\Omega$ )Min.
CMF4532FC-601-2P-T	600 $\pm$ 25%	0.24	1400	50	125	10
CMF4532FC-801-2P-T	800 $\pm$ 25%	0.26	1000	50	125	10
CMF4532FC-901-2P-T	900 $\pm$ 25%	0.30	1000	50	125	10
CMF4532FC-102-2P-T	1000 $\pm$ 25%	0.30	1000	50	125	10
CMF4532FC-142-2P-T	1400 $\pm$ 25%	0.4	1000	50	125	10
CMF4532FC-252-2P-T	2500 $\pm$ 25%	0.9	200	50	125	10

Operating temperature : -40 to 125 $^{\circ}$ C

Storage temp. and humidity : -40 to +85 $^{\circ}$ C , 70%RH max