

PRODUCT SPECIFICATION AEC-Q200

SPEC. NO.

T-0602-171F

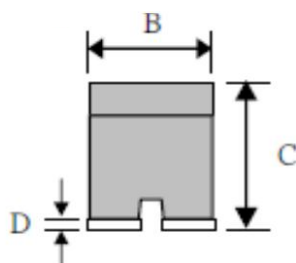
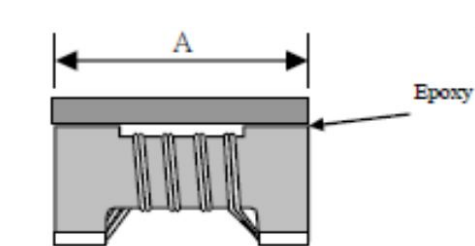
**1. Scope**

This specification applies ferrite Chip common mode filters CMF4532LC-Series for automotive Electronics based on AEC-Q200 except for Power train and Safety.

2. Product Identification

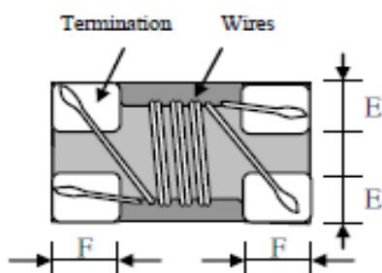
CMF 4532 LC - 101 - 2P - T
 (1) (2) (3) (4) (5) (6)

- (1) Product name
 (2) Shapes and dimensions
 (3) Automotive
 (4) Inductance 【 at 100KHz】
 101:100 uH
 (5) Number of Line
 2P:2-Line
 (6) For Customer Design

3. Shapes and Dimensions [Dimensions in mm]A : 4.5 ± 0.2 mmB : 3.2 ± 0.2 mmC : 2.7 ± 0.2 mmD : 0.4 ± 0.2 mm

E : 1.2 Typ. mm

F : 1.0 Typ. mm



Drawn by	Checked by	Approved by
Cindy May. 19. 2020	Zheng May. 19. 2020	Su May. 19. 2020

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

Our Product Part Number	Z(Ω) Common Mode Impedance at 10MHz		L(μ H) Common Mode Inductance at 100KHz	DCR(Ω) Max.	Idc(mA) Max.	Rated Voltage Vdc (V)Typ.	Withstand Voltage Vdc(V)	Insulation Resistance IR (M Ω)Min.
	min.	typ.	(+50%/-30%)					
CMF4532LC-110-2P-T	min.	300	(+50%/-30%)	0.6	300	50	125	10
	typ.	600	11					
CMF4532LC-220-2P-T	min.	500	(+50%/-30%)	1.0	200	50	125	10
	typ.	1200	22					
CMF4532LC-510-2P-T	min.	1000	(+50%/-30%)	1.0	200	50	125	10
	typ.	2800	51					
CMF4532LC-101-2P-T	min.	2000	(+50%/-30%)	2.0	150	50	125	10
	typ.	5800	100					
CMF4532LC-201-2P-T	min.		(+50%/-30%)	4.5	100	50	125	10
	typ.		200					

Operating temperature : -40 to 150 $^{\circ}$ CStorage temp. and humidity : -40 to +85 $^{\circ}$ C · 70%RH max