

PRODUCT SPECIFICATION AEC-Q200

SPEC. NO.
T-0602-270



1. Scope

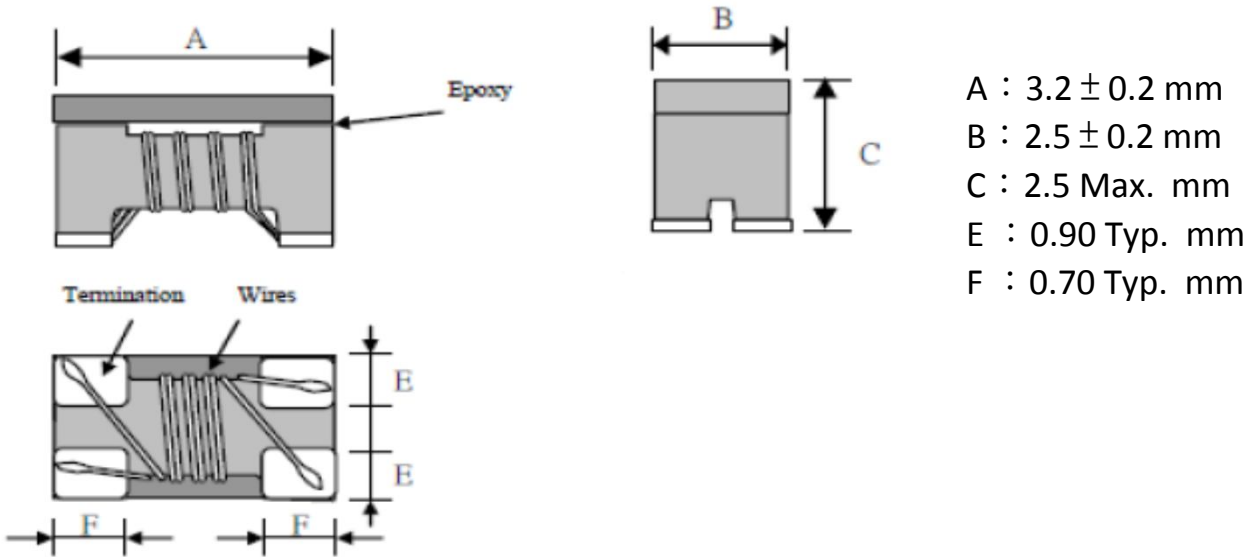
This specification applies ferrite Chip common mode filters CMF3225LC-Series for automotive Electronics based on AEC-Q200 except for Power train and Safety.

2. Product Identification

CMF 3225 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 : 3.2 ± 0.2 mm
 B : 2.5 ± 0.2 mm
 C : 2.5 Max. mm
 E : 0.90 Typ. mm
 F : 0.70 Typ. mm

Drawn by	Checked by	Approved by
Cindy Dec.13.2022	Zhensy Dec. 13.2022	Li Dec.13.2022

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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.	Rated Current(mA) Ambient temperature 25 $^{\circ}$ C	*Rated Current(mA) Ambient temperature 125 $^{\circ}$ C	Rated Voltage Vdc (V)Typ.	Insulation Resistance IR (M Ω)Min.
	min.	typ.	(+50%/-30%)					
CMF3225LC-110-2P-T	min.	300	(+50%/-30%)	0.4	300	150	80	10
	typ.	500	11					
CMF3225LC-220-2P-T	min.	500	(+50%/-30%)	0.5	250	125	80	10
	typ.	1000	22					
CMF3225LC-510-2P-T	min.	1000	(+50%/-30%)	0.7	200	100	80	10
	typ.	2600	51					
CMF3225LC-101-2P-T	min.	2200	(+50%/-30%)	1.5	150	75	80	10
	typ.	5100	100					
CMF3225LC-201-2P-T	min.	10000	(+50%/-30%)	5.5	70	35	80	10
	typ.	15000	200					

Operating temperature : -40 to 125 $^{\circ}$ CStorage temp. and humidity : -25 to +85 $^{\circ}$ C , 70%RH max*Keep the temperature (ambient temperature plus self-generation of heat) under 125 $^{\circ}$ C