

# PRODUCT SPECIFICATION AEC-Q200

SPEC. NO.

T-0602-176C



## 1. Scope

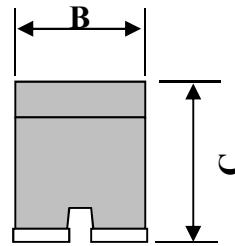
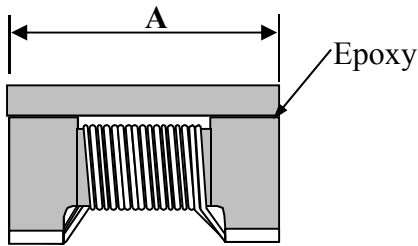
This specification applies ferrite Chip common mode filters CMF2012FC-Series for automotive Electronics based on AEC-Q200 except for Power train and Safety.

## 2. Product Identification

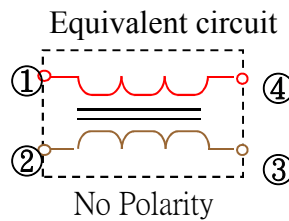
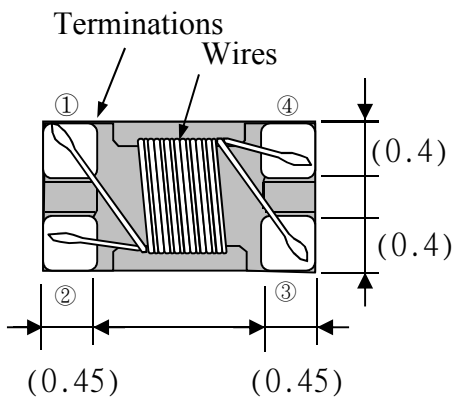
CMF 2012 FC - 900 - 2P - T  
 (1) (2) (3) (4) (5) (6)

- (1) Product name
- (2) Shapes and dimensions
- (3) Automotive
- (4) Impedance 【 at 100MHz】  
900:90Ω
- (5) Number of Line  
2P:2-Line
- (6) For Customer Design

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



A : 2.0 ± 0.2  
 B : 1.2 ± 0.2  
 C : 1.2 ± 0.2



Drawn by	Checked by	Approved by
Cindy Dec. 19. 2019	Zheny Dec. 19. 2019	Su Dec 19. 2019

**PRODUCT SPECIFICATION AEC-Q200****SPEC. NO.****T-0602-176C****4. Electrical Characteristics****4-1 Electrical Spec.**

Our Product Part Number	Common-Mode Impedance Z( $\Omega$ ) at 100MHz	DC Resistance Rdc( $\Omega$ ) Max.	Rated Current Idc(mA) Max.	Rated Voltage Vdc(V)	Insulation Resistance (M $\Omega$ )Min.	Withstand Voltage Vdc(V)
CMF2012FC-250-2P-T	25 $\pm$ 25%	0.20	500	50	10	125
CMF2012FC-300-2P-T	30 $\pm$ 25%	0.20	450	50	10	125
CMF2012FC-400-2P-T	40 $\pm$ 25%	0.12	500	50	10	125
CMF2012FC-420-2P-T	42 $\pm$ 25%	0.12	500	50	10	125
CMF2012FC-500-2P-T	50 $\pm$ 25%	0.20	500	50	10	125
CMF2012FC-670-2P-T	67 $\pm$ 25%	0.25	400	50	10	125
CMF2012FC-750-2P-T	75 $\pm$ 25%	0.30	400	50	10	125
CMF2012FC-900-2P-T	90 $\pm$ 25%	0.30	400	50	10	125
CMF2012FC-121-2P-T	120 $\pm$ 25%	0.30	370	50	10	125
CMF2012FC-161-2P-T	160 $\pm$ 25%	0.30	340	50	10	125
CMF2012FC-181-2P-T	180 $\pm$ 25%	0.35	330	50	10	125
CMF2012FC-201-2P-T	200 $\pm$ 25%	0.35	330	50	10	125
CMF2012FC-221-2P-T	220 $\pm$ 25%	0.35	330	50	10	125
CMF2012FC-261-2P-T	260 $\pm$ 25%	0.40	300	50	10	125
CMF2012FC-301-2P-T	300 $\pm$ 25%	0.50	300	50	10	125
CMF2012FC-331-2P-T	330 $\pm$ 25%	0.50	300	50	10	125
CMF2012FC-361-2P-T	360 $\pm$ 25%	0.40	280	50	10	125
CMF2012FC-371-2P-T	370 $\pm$ 25%	0.40	280	50	10	125
CMF2012FC-601-2P-T	600 $\pm$ 25%	0.375	250	50	10	125
CMF2012FC-671-2P-T	670 $\pm$ 25%	0.60	150	50	10	125
CMF2012FC-681-2P-T	680 $\pm$ 25%	0.60	170	50	10	125
CMF2012FC-801-2P-T	800 $\pm$ 25%	0.80	120	50	10	125
CMF2012FC-901-2P-T	900 $\pm$ 25%	0.80	120	50	10	125
CMF2012FC-102-2P-T	1000 $\pm$ 25%	0.80	100	50	10	125
CMF2012FC-222-2P-T	2200 $\pm$ 25%	1.40	100	50	10	125