

# PRODUCT SPECIFICATION AEC-Q200

SPEC. NO.  
T-0602-175B



## 1. Scope

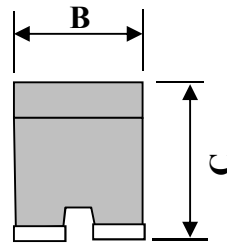
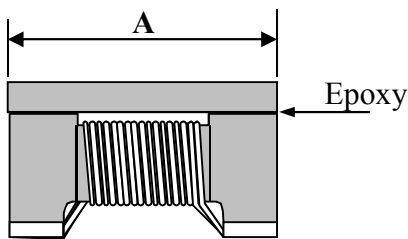
This specification applies ferrite Chip common mode filters CMF3216FC-Series for automotive Electronics based on AEC-Q200 except for Power train and Safety.

## 2. Product Identification

CMF 3216 FC - 900 - 2P - T  
(1) (2) (3) (4) (5) (6)

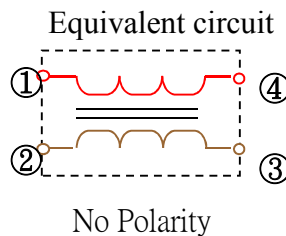
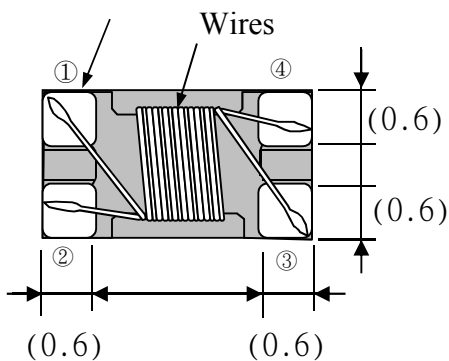
- (1) Product name
- (2) Shapes and dimensions
- (3) Automotive
- (4) Impedance 【 at 100MHz 】  
900:90Ω
- (5) Number of Line  
2P:2-Line
- (6) Taping Type

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



A : 3.2 ± 0.2  
B : 1.6 ± 0.2  
C : 1.8 ± 0.2

Terminations



Drawn by	Checked by	Approved by
Cindy Dec.17.2019	Zheny Dec.17.2019	Lu Dec.17.2019

**PRODUCT SPECIFICATION AEC-Q200**

SPEC. NO.

T-0602-175B

**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)	Withstanding Voltage Vdc(V)	Insulation Resistance (M $\Omega$ )Min.
CMF3216FC-370-2P-T	37 $\pm$ 25%	0.12	1000	50	125	10
CMF3216FC-500-2P-T	50 $\pm$ 25%	0.20	500	50	125	10
CMF3216FC-670-2P-T	67 $\pm$ 25%	0.30	500	50	125	10
CMF3216FC-750-2P-T	75 $\pm$ 25%	0.30	500	50	125	10
CMF3216FC-900-2P-T	90 $\pm$ 25%	0.30	500	50	125	10
CMF3216FC-101-2P-T	100 $\pm$ 25%	0.30	500	50	125	10
CMF3216FC-121-2P-T	120 $\pm$ 25%	0.30	370	50	125	10
CMF3216FC-161-2P-T	160 $\pm$ 25%	0.40	340	50	125	10
CMF3216FC-181-2P-T	180 $\pm$ 25%	0.40	340	50	125	10
CMF3216FC-261-2P-T	260 $\pm$ 25%	0.50	310	50	125	10
CMF3216FC-281-2P-T	280 $\pm$ 25%	0.50	310	50	125	10
CMF3216FC-361-2P-T	360 $\pm$ 25%	0.50	280	50	125	10
CMF3216FC-371-2P-T	370 $\pm$ 25%	0.50	280	50	125	10
CMF3216FC-431-2P-T	430 $\pm$ 25%	0.60	280	50	125	10
CMF3216FC-601-2P-T	600 $\pm$ 25%	0.80	260	50	125	10
CMF3216FC-102-2P-T	1000 $\pm$ 25%	1.00	230	50	125	10
CMF3216FC-152-2P-T	1500 $\pm$ 25%	1.00	200	50	125	10
CMF3216FC-222-2P-T	2200 $\pm$ 25%	1.20	200	50	125	10