

Ferrite Chip Bead(Lead Free)

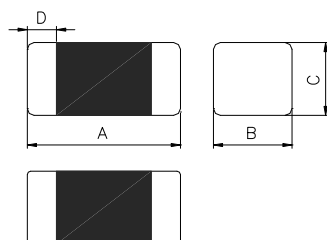
FCM1608_V-Series

Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solderability and heat resistance.
8. High reliability. Reliability test meet AEC-Q200.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature: -55~+150°C (Including self-temperature rise)



Dimensions



Chip Size	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

Part Numbering

FCM	1608	K	V	-	600	T	07
A	B	C	D		E	F	G

A: Series
 B: Dimension
 C: Material
 D: Category Code
 E: Impedance
 F: Packaging
 G: Rated Current

L x W
 Lead Free Material
 V=Vehicle
 600=60Ω
 T=Taping and Reel, B=Bulk(Bags)
 07=700mA

Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608KV-300T07	30±25%	100	0.20	700
FCM1608KV-600T07	60±25%	100	0.20	700
FCM1608KV-121T06	120±25%	100	0.25	600
FCM1608KV-151T06	150±25%	100	0.25	600
FCM1608KV-221T05	220±25%	100	0.30	550
FCM1608KV-301T05	300±25%	100	0.35	500
FCM1608KV-471T03	470±25%	100	0.45	350
FCM1608KV-601T03	600±25%	100	0.50	350
FCM1608KV-102T02	1000±25%	100	0.70	200
FCM1608HV-152T02	1500±25%	100	1.00	200
FCM1608HV-202T01	2000±25%	100	1.20	150

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Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608CV-100T07	10 $\pm$ 25%	100	0.20	700
FCM1608CV-300T06	30 $\pm$ 25%	100	0.25	600
FCM1608CV-600T06	60 $\pm$ 25%	100	0.30	600
FCM1608CV-121T03	120 $\pm$ 25%	100	0.40	300
FCM1608CV-221T02	220 $\pm$ 25%	100	0.60	250
FCM1608CV-301T02	300 $\pm$ 25%	100	0.80	200

Impedance Frequency Characteristics(Typical)

