

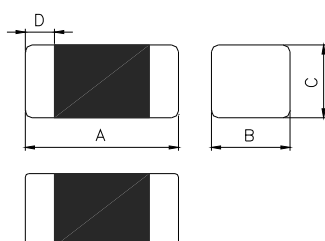
1.Features

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)-Free & Halogen-Free and RoHS compliant.
10. Operating Temperature: -55~+150°C (Including self-temperature rise)

AEC-Q200



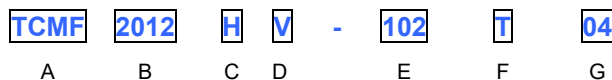
2.Dimensions



Chip Size		
A	2.00±0.20	
B	1.25±0.20	
C	0.85±0.20	1.25±0.20
D	0.50±0.30	

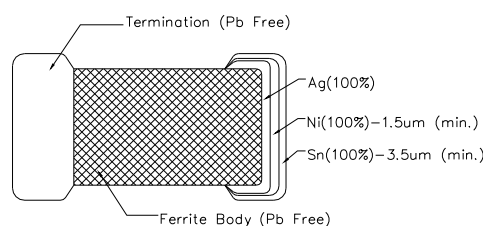
Units: mm

3.Part Numbering



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

L x W
 Lead Free Material
 V=Vehicle
 102=1000 Ω
 T=Taping and Reel, B=Bulk(Bags)
 04=400mA
 Anti-static packaging



4.Specification

Tai-Tech Part Number	Thickness C size (mm)	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
TCMF2012HV-102T04	0.85±0.20	1000±25%	100	0.45	400
TCMF2012HV-102T06	0.85±0.20	1000±25%	100	0.45	600
TCMF2012HV-152T03	0.85±0.20	1500±25%	100	0.50	350
TCMF2012HV-202T02	0.85±0.20	2000±25%	100	0.60	250
TCMF2012HV-202T04	0.85±0.20	2000±25%	100	0.60	400
TCMF2012HV-252T03	1.25±0.20	2500±25%	100	1.10	300
TCMF2012HV-272T03	1.25±0.20	2700±25%	100	1.10	300

- Rated current: based on temperature rise test
- In compliance with EIA 595
- All test data referenced to 25°C ambient

Impedance Frequency Characteristics(Typical)

