

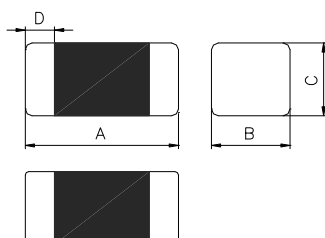
## 1. Features

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.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature: -55~+125°C (Including self-temperature rise)



Certificate  
Green Partner

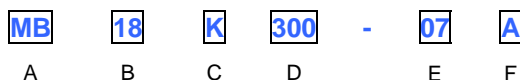
## 2. Dimensions



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

Units: mm

## 3. Part Numbering



A: Series

B: Dimension

C: Material

D: Impedance

E: Rated Current

F: Category Code

Lead Free Material

300=30Ω

07=700mA

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
MB18K300-07A	30±25%	100	0.20	700
MB18K600-07A	60±25%	100	0.20	700
MB18K121-06A	120±25%	100	0.25	600
MB18K221-05A	220±25%	100	0.30	550
MB18K301-05A	300±25%	100	0.35	500
MB18K601-03A	600±25%	100	0.50	350
MB18K102-02A	1000±25%	100	0.70	200

● Rated current: based on temperature rise test

● In compliance with EIA 595

## Impedance Frequency Characteristics(Typical)

