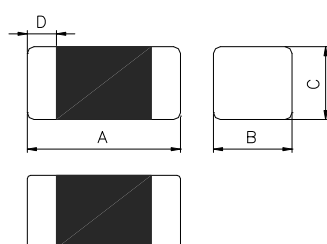


1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. Suitable for reflow soldering.
4. Shapes and dimensions follow E.I.A. spec.
5. Available in various sizes.
6. Excellent solder ability and heat resistance.
7. High reliability.
8. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
9. Low DC resistance structure of electrode to prevent wasteful electric power consumption.
10. Operating Temperature: -55~+125°C (Including self-temperature rise)



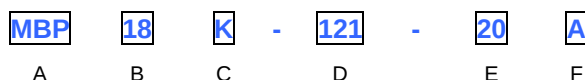
2. Dimensions



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

121=120Ω

20=2000mA

4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
MBP18K300-30A	30±25%	100	0.04	3000
MBP18K600-20A	60±25%	100	0.10	2000
MBP18K121-20A	120±25%	100	0.10	2000
MBP18K221-20A	220±25%	100	0.10	2000
MBP18K301-10A	300±25%	100	0.20	1000
MBP18K601-10A	600±25%	100	0.20	1000

● Rated current: based on temperature rise test

● In compliance with EIA 595

Impedance Frequency Characteristics(Typical)

