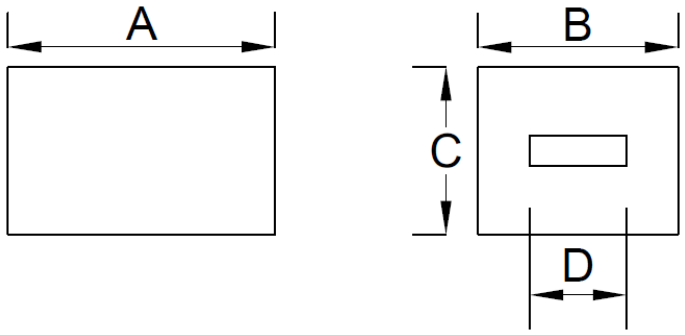
High Current Ferrite Bead

BPH853025R5-101T

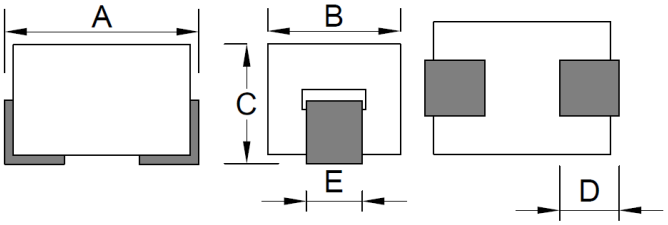
1. Features

1. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
2. Operating temperature -40~+125℃ (Including self - temperature rise).

2. Dimension



CORE SIZE			
A(mm)	B(mm)	C(mm)	D(mm)
8.50±0.25	3.00±0.15	2.50±0.15	1.50±0.15



PRODUCT SIZE				
A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
9.00±0.40	3.00±0.15	2.80±0.25	1.50±0.50	1.25±0.20

3. Part Numbering

BPH	853025	R5	O	-	101	T
A	B	C	D		E	F

A: Series
B: Dimension
C: Material Ferrite Core
D: Category Code Industrial Grade
E: Impedance 101=100Ω
F: Packaging T=Taping and Reel

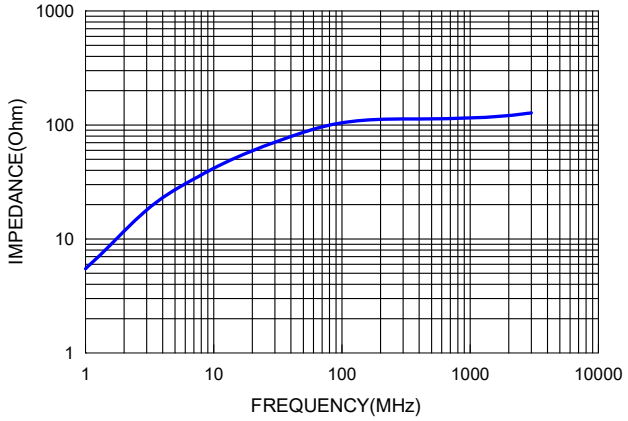
4. Specification

TAI-TECH Part Number	ELECTRICAL REQUIREMENTS 1			ELECTRICAL REQUIREMENTS 2			DCR (mΩ) Max.	Rated Current(A)	
	Impedance (Ω)	Tolerance (%)	Test Frequency (MHz)	Impedance (Ω)	Tolerance (%)	Test Frequency (MHz)		△T=40℃ TYP.	△T=60℃ TYP.
BPH853025R5O-101T	65	±25	25	100	±25	100	1.00	30(1) 13(2)	40(1) 18(2)

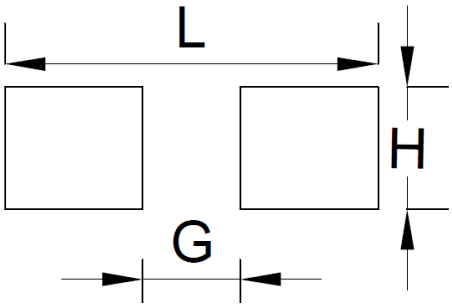
Note:

- Rated Current :
  (1) Chroma high current test fixture.
  (2) PCB test fixture (30x45mm copper pattern, 50um copper thickness).
- All test data referenced to 25℃ ambient.

Typical Impedance v.s. Frequency Curve



5. Recommended PC Board Pattern



L(mm)	G(mm)	H(mm)
10.7	4.5	1.5