

High Current Ferrite Bead

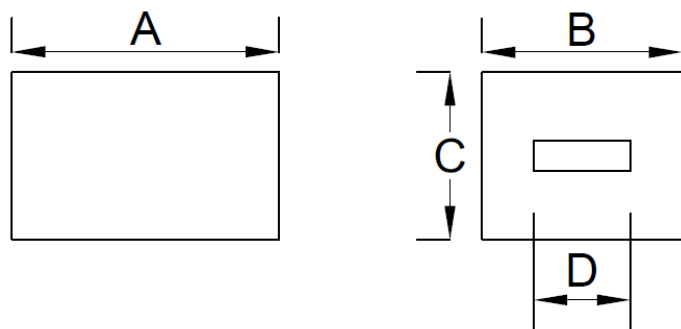
BPH403025MN5-470TP

1. Features

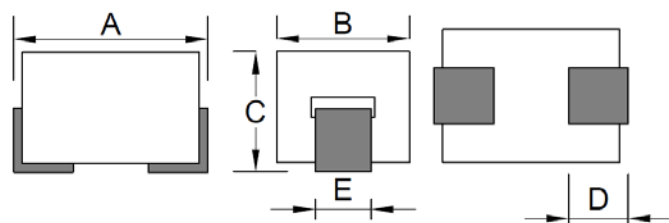
- 100% Lead(Pb) & Halogen-Free and RoHS compliant.
- Operating temperature -40~+125°C (Including self - temperature rise)



2. Dimension



CORE SIZE			
A(mm)	B(mm)	C(mm)	D(mm)
4.00 ±0.25	3.10 ±0.15	2.50 ±0.15	1.50 ±0.15



PRODUCT SIZE				
A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
4.30~5.10	3.10 ±0.15	2.70~3.10	1.35±0.20	1.35±0.15

3. Part Numbering

BPH
403025
MN5
-
470
T
P

A: Series
 B: Dimension
 C: Material
 D: Impedance
 E: Packaging
 F: Surface coating

MnZn Core
 470=47Ω
 T=Taping and Reel
 Parylene coating

4. Specification

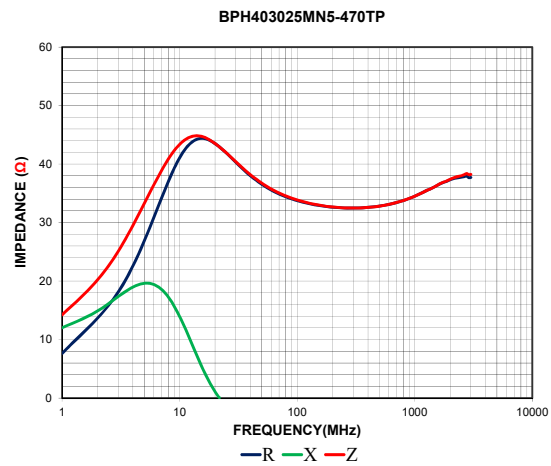
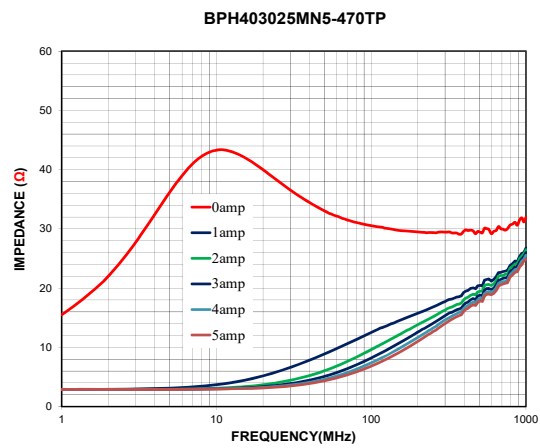
TAI-TECH Part Number	ELECTRICAL REQUIREMENTS 1			ELECTRICAL REQUIREMENTS 2			DCR (mΩ) Max.	Rated Current(A)	
	Impedance (Ω)	Tolerance (%)	Test Frequency (MHz)	Impedance (Ω)	Tolerance (%)	Test Frequency (MHz)		ΔT=40°C TYP.	ΔT=60°C TYP.
BPH403025MN5-470TP	20	±25	1	47	±25	10	0.75	24.0(1) 10.0(2)	28.0(1) 13.0(2)

Note:

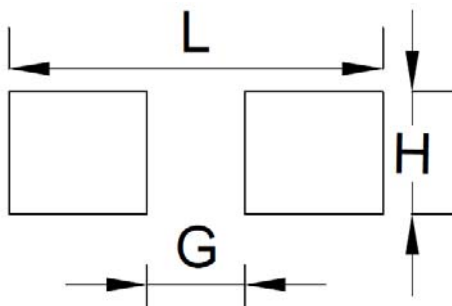
Rated Current :

- (1) : Chroma high current test fixture.
- (2) :PCB test fixture (30x45mm copper pattern , 50um copper thickness).

Typical Impedance v.s. Frequency Curve



5. Recommended PC Board Pattern



L(mm)	G(mm)	H(mm)
4.8	1.4	1.5