



Ferrite Bead

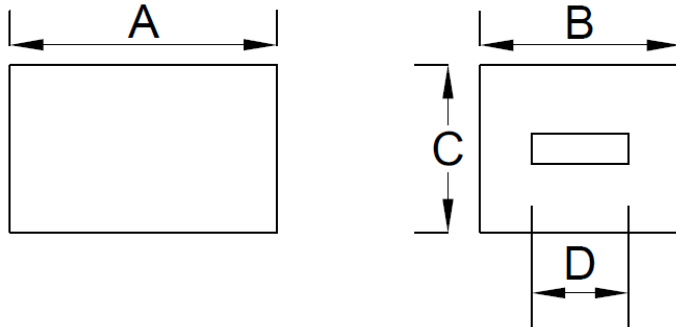
GPH403025R5-530T

1. Features

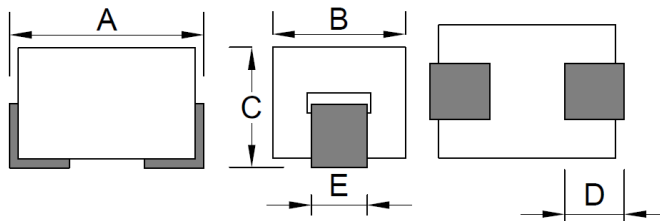
- 100% Lead(Pb) & Halogen-Free and RoHS compliant.
- Operating temperature-40~+125℃ (Including self - temperature rise)



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	3.1 ±0.15	2.70~3.1	1.35±0.20	1.35±0.15

3. Part Numbering

GPH	403025	R5	-	530	T
A	B	C		D	E

A: Series

B: Dimension

C: Material

Ferrite Core

D: Impedance

530=53Ω

E: Packaging

T=Taping and Reel

4. Specification

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.
GPH403025R5-530T	35	±25	25	53	±25	100	0.60	35.0(1) 15.0(2)	45.0(1) 18.0(2)

Note:

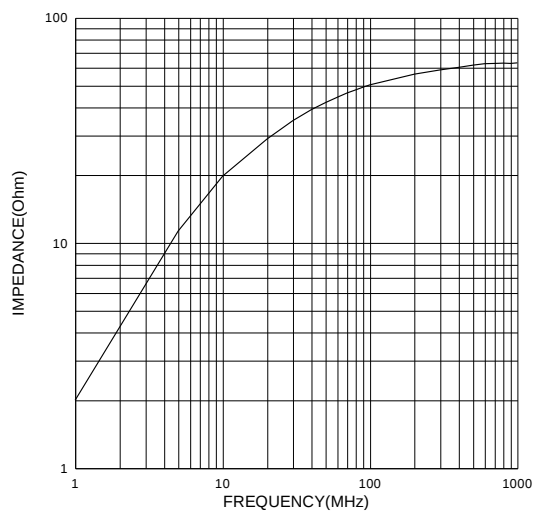
Rated Current :

(1) : Chroma high current test fixture.

(2) :PCB test fixture (30x45mm copper pattern , 50um copper thickness).



Typical Impedance v.s. Frequency Curve



5. Material List

No.	Description	Specification
a.	Core	Ferrite Core
b.	Wire	Electroplated nickel-tin flat copper wire (1.25W X 0.21T)m/m

