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Product Series: GBC

Ferrite Bead Core for eliminate high current power EMI

GBC302922



GBC473129



Solid body

Super Low DCR

GBC903028



Thick metal lead

Key Features

- Suitable for Differential Mode EMI Filters
- Super Low DCR
- High current capability
- Strengthen Body & 3 sizes option
- Direct wire lead through ferrite core
- 3 [Z] values for frequency 100MHz up to 1GHz
- Compliant to RoHS Directive 2002 / 95 / CE.

Applications

- Power line noise suppression
- Block the emission of radio waves

GBC Series

This product has larger current resistance, stronger body, and excellent EMI suppression and protection effects, allowing you to use a very low cost to apply to products that need to emphasize reliability, whether in the automotive/ medical/ industry...etc., all are best choices!

此產品GBC系列具備更大的耐電流,更強固的本體,以及優異的EMI抑制及防護的效果,讓您用很低的成本應用於需要強調可靠度的產品上,無論是汽車/醫療/工業...等等,都是最佳的選擇!

GOTREND

has more than 21 years of professional inductor/filter/transformer design, production and sales, various application sizes & electrical properties, professional customization and mature mass production, high-quality applications in automotive /medical/ industrial/ consumer electronic products, are your reliable parts partner.

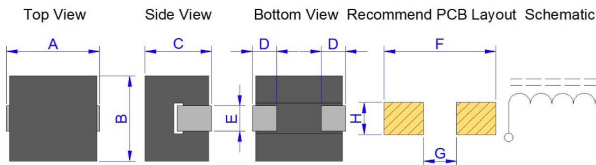
高創21年以上專業電感器/濾波器/變壓器設計產銷,各種應用尺寸&電性,專業客製成熟量產,高品質應用於汽車/醫療/工業/消費性電子產品



Key Specification/Electrical Characteristics

GBC302922P-SERIES

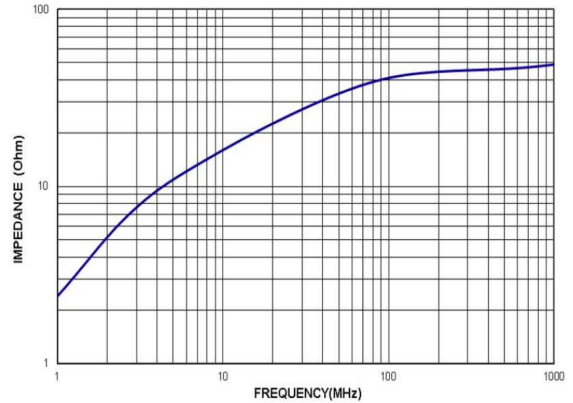
Dimension [mm] :



A(+/-0.1/-0.15)	B(+/-0.1)	C(+/-0.1)	D(+/-0.2)	E(+/-0.1)	F (Ref.)	G (Ref.)	H (Ref.)
3.08	2.90	2.20	0.80	0.85	3.70	1.10	1.10

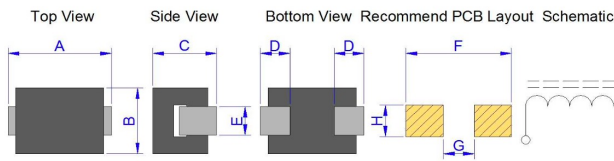
Electrical Characteristics :

Part No.	Impedance (Ohm) @25MHz	Impedance (Ohm) @100MHz	DCR (mΩ)	Rated Current (A)	
				ΔT=40°C	ΔT=60°C
GBC302922PW-400N	23.0+/-25%	40.0+/-25%	0.6 Max.	21.0 Typ.	26.0 Typ.



GBC473129P-SERIES

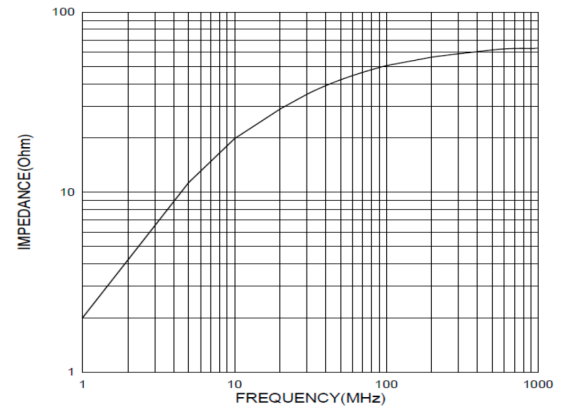
Dimension [mm] :



A(+/-0.4)	B(+/-0.15)	C(+/-0.2)	D(+/-0.2)	E(+/-0.15)	F (Ref.)	G (Ref.)	H (Ref.)
4.70	3.10	2.90	1.35	1.35	4.80	1.40	1.50

Electrical Characteristics :

Part No.	Impedance (Ohm) @25MHz	Impedance (Ohm) @100MHz	DCR (mΩ)	Rated Current (A)	
				ΔT=40°C	ΔT=60°C
GBC473129PR-530N	35.0+/-25%	53.0+/-25%	0.6 Max.	35.0 Typ.	45.0 Typ.

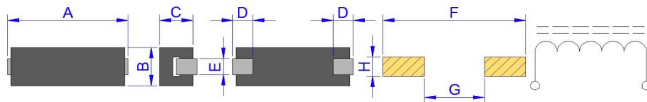


* Rated current based on increasing product temperature : Current when temperature of the product reaches +40 °C .

GBC903028P-SERIES

Dimension [mm] :

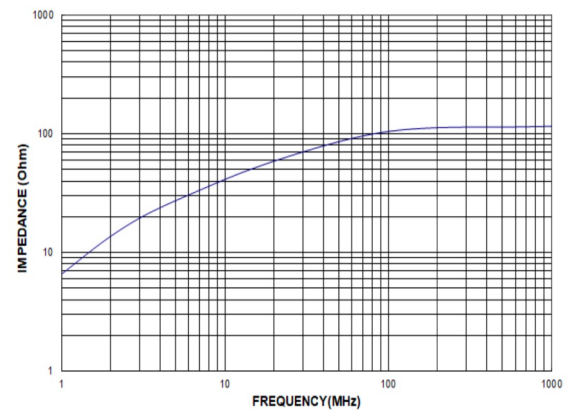
Top View Side View Bottom View Recommend PCB Layout Schematic



A(+/-0.4)	B(+/-0.15)	C(+/-0.25)	D(+/-0.5)	E(+/-0.2)	F (Ref.)	G (Ref.)	H (Ref.)
9.0	3.0	2.8	1.5	1.25	10.7	4.5	1.5

Electrical Characteristics :

Part No.	Impedance (Ohm) @25MHz	Impedance (Ohm) @100MHz	DCR (mΩ)	Rated Current (A)	
				ΔT=40°C	ΔT=60°C
GBC903028PR-101N	65.0+/-25%	100.0+/-25%	1.0 Max.	30.0 Typ.	40.0 Typ.



* Rated current based on increasing product temperature : Current when temperature of the product reaches +40 °C .