

# Inductor Filter Ferrite Beads

## Ferrite Beads Filter Radio Frequency Interference and Noise (TCFB)

### ▶ Preview

Ferrite bead is a kind of anti-jamming applications the fastest growing components, cheap, easy to use, filtering high-frequency noise were improved significantly.

Ferrite beads commonly used in filtering and electromagnetic noise reduction, Token's Ferrite Beads TCFB series manufactured by using iron, nickel, zinc oxide mixture made with high resistivity and high magnetic permeability. Ferrite bead in series with the signal or power path, it can be used to suppress differential mode noise.

By comparing with traditional inductors, Token's TCFB has better high-frequency filter characteristics. Ferrites at high frequencies showed resistance characteristics at high frequencies, equivalent to a low inductor quality factor, it can be quite a wide frequency range, to maintain a high impedance, thereby enhancing the effectiveness of high-frequency filter.

The TCFB series is lead-free and RoHS compliant. Detailed specifications, both mechanical and electrical, please contact our sales representative for more information.

### Features :

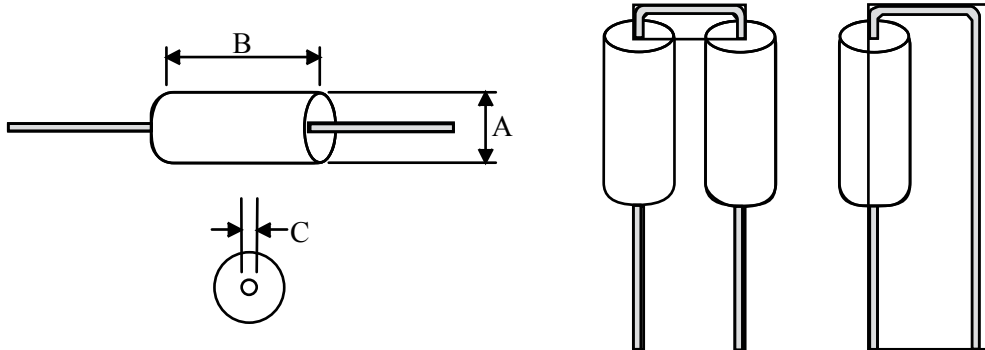
- Low cost, high reliability.
- Reducing radio frequency interference and noise.

### Applications :

- VGA card, EGA card, Mother board, TV game.



## Configurations & Dimensions



Type	A	B	C	Impedance ( $\Omega$ ) Min.	
				10MHz	100MHz
TCFB*2515*	2.5±0.15	1.5±0.15	0.65	5.0	20.0
TCFB*2530*	2.5±0.15	3.0±0.20	0.65	8.0	25.0
TCFB*2540*	2.5±0.15	4.0±0.20	0.65	12.0	32.0
TCFB*2575*	2.5±0.15	7.0±0.30	0.65	20.0	58.0
TCFB*3530*	3.5±0.20	3.0±0.20	0.65	13.0	65.0
TCFB*3545*	3.5±0.20	4.5±0.20	0.65	20.0	45.0
TCFB*3547*	3.5±0.20	4.7±0.20	0.65	20.0	45.0
TCFB*3550*	3.5±0.20	5.0±0.20	0.65	20.0	50.0
TCFB*3560*	3.5±0.20	6.0±0.20	0.65	20.0	80.0
TCFB*3578*	3.5±0.20	7.8±0.30	0.65	28.0	90.0
TCFB*3583*	3.5±0.20	8.3±0.30	0.65	30.0	100.0
TCFB*3590*	3.5±0.20	9.0±0.40	0.65	60.0	100.0
TCFB*3510*	3.5±0.20	10.0±0.4	0.65	50.0	130.0
TCFB*3512*	3.5±0.20	12.0±0.5	0.65	45.0	145.0
TCFB*3514*	3.5±0.20	14.0±0.5	0.65	60.0	150.0

**Note:** Only available some sizes for Radial Double & Single core type.

## ▶ How to Order

TCFB

❶

R

❷

3547

❸

TB

❹

❶ Part Number: TCFB

❷ Form

Code	Type of Winding
A	Axial Type
D	Radial double core type
S	Radial single core type

❸ Outside Diameter “A” & Length “B”

❹ Inductance

Code	Type of Winding
P	Bulk
TR	Taping Reel
TB	Tapping Box

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