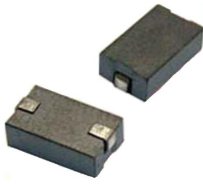


## TBCF Series ( Rev. 1.0)



## Features

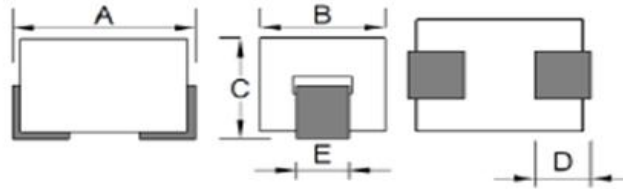
- \* RoHS compliant
- \* Use flat wire and could endure higher current(6Amps).
- \* It is mounted on the boards with surface mounting equipment .

## Product Identification

TBCF      323023      -      400      N  
1                      2                                      3                      4

1. Product Code
2. Size Code
3. Impedance: 40Ω
4. Tolerance: N=±35%

## Dimensions: [ mm ]



Size Code	A(±0.4)	B(±0.25)	C(±0.25)	D(typ.)	E(typ.)
323023	3.10	2.90	2.20	0.80	0.85
403025	4.70	3.10	2.90	1.35	1.35
853225	9.00	3.10	2.80	1.50	1.25

## Electrical Characteristics

P/N	Impedance (Ω) @100MHz	DCR (mΩ)		IDC (A) @1MHz
		max.	typ.	
TBCF323023-400N	40 ±35%	0.60	0.48	15 typ.
TBCF403025-530N	53 ±35%	0.60	0.48	14 typ.
TBCF853225-101N	100 ±35%	1.00	0.80	13 typ.

\* IDC: DC current (A) that will cause an approximate ΔT of 40°C

## Applications

- \* Computer products- Mother Board , Hard Disk , TV card...
- \* Communication products- PAGER , Cordless Phone...
- \* Modem , OA products , power supplier...
- \* Countermeasures for complying with CE、FCC、VDE or VCCI radiated emission.

## Operating &amp; Storage Condition

- \* Operating Temp. : -40 to +125°C
- \* Storage Temp. : -40 to +85°C
- \* Storage Life Time : 12 Months @25°C , RH 65%

## Test Equipment

- \* HP4284A, HP42841A, HP4287A, HP433B- L, IDC, Q, RDC
- \* HP8753D NETWORK ANALYZER- SRF

## Standard Atmospheric Conditions

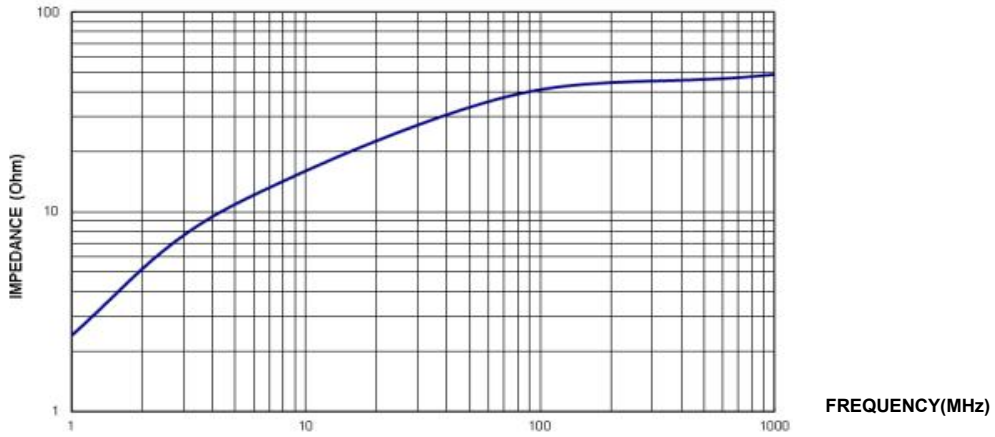
- \* Ambient Temp : 20+/-15°C
- \* Relative Humidity : 65+/-20%



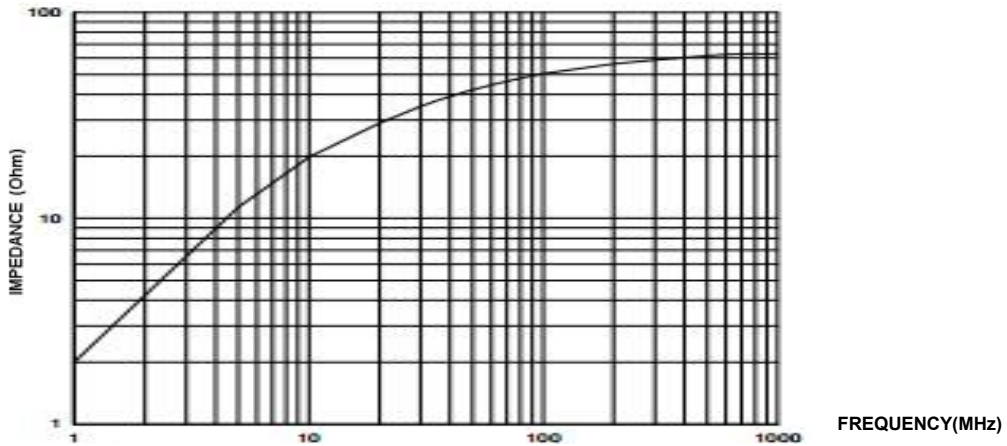
# TBCF Series (Rev. 1.0)

## Typical Impedance VS Frequency Curve

TBCF323023-400N



TBCF403025-530N



TBCF853225-101N

