

## FEATURES

- High Impedance and Excellent Frequency Characteristic.
- Self- electromagnetic shielding.
- Low Magnetic Flux Leakage.
- RoHs compliance



## APPLICATIONS

- Ideally used as signal noise filter common mode chokes for I/O port of PC, micro-computer, and related terminal equipment of better characteristics in high frequency range.

## PRODUCT IDENTIFICATION

BCB 0402 - 102 N T  
a b c d e

a : Series name

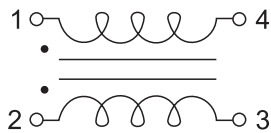
b : Product dimensions

c : Inductance Value (1R0:1.0uH; 100: 10uH; 101:100uH)

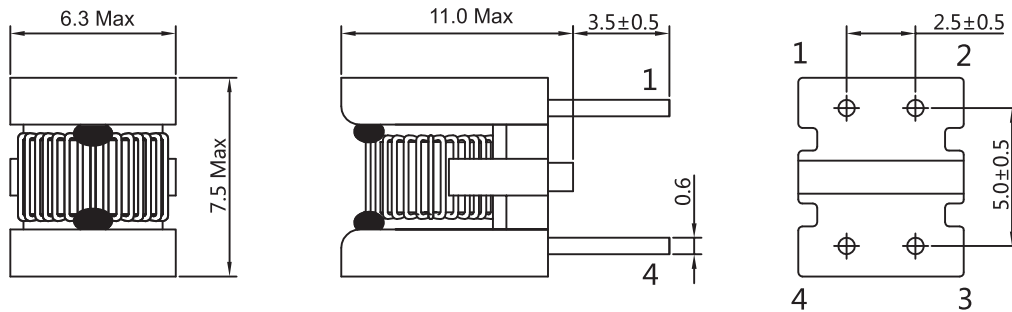
d : Inductance Tolerance (K:10% ; M:20% ; N:30%)

e : Packaging style (T: Taping; B: bulk)

## SCHEMATIC



## SHAPES AND DIMENSIONS Unit: mm



## ELECTRICAL CHARACTERISTICS

Part Number	L(uH)	Testreq.(MHz)	DCR (mΩ) Typ	Irated.(A)	Impedance (mΩ) Min	
					10MHz	100MHz
BCB0402-5R6NT	5.6	1.0	67.5	1.05	200	1100
BCB0402-8R2NT	8.2	1.0	82.5	0.82	350	1200
BCB0402-11R5NT	11.5	1.0	100.5	0.68	550	1050
BCB0402-15R5NT	15.5	1.0	114.5	0.60	750	650
BCB0402-39R5NT	39.5	1.0	64.9	1.30	650	850
BCB0402-60R5NT	60.5	1.0	80.0	1.15	1050	1050
BCB0402-87R5NT	87.5	1.0	94.5	1.08	1500	1100
BCB0402-121R5NT	121.5	1.0	110.0	0.95	2100	1100

Note:

**Irated:** The DC current that causes the temperature rise ( $\Delta t=40^{\circ}\text{C}$ ) from  $20^{\circ}\text{C}$  ambient