

SPECIFICATION OF TS SERIES

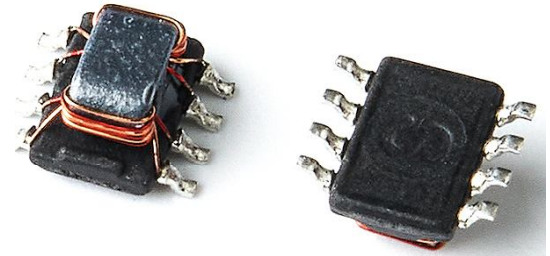
FEATURES

1. High impedance for common mode noise and low impedance for differential mode signal.
2. Large rated current available.
3. Wide band or sharp type impedance curve available.
4. SMD or DIP available.



APPLICATIONS

Prevention of common mode noise on signal Lines and power lines for computer related or electronic products.



ORDERING CODE

B T S A 12 06 - 01

(1) (2) (3) (4) (5) (6) (7)

- (1) MATERIAL CODE
- (2) CORE TYPE
- (3) S : SMD , C : CAPPED SMD , D : DIP
- (4) ROHS CODE
- (5) MAX BASE DIMENSION(mm)
- (6) MAX HEIGHT(ABOVE PCB IN mm)
- (7) DESIGN CODE

APPEARANCE & DIMENSIONS

UNIT:mm

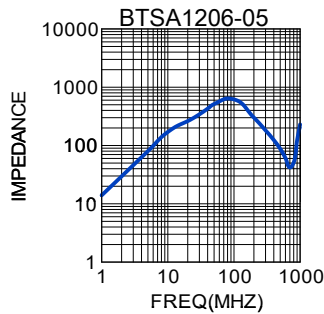
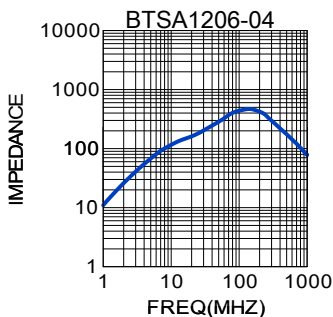
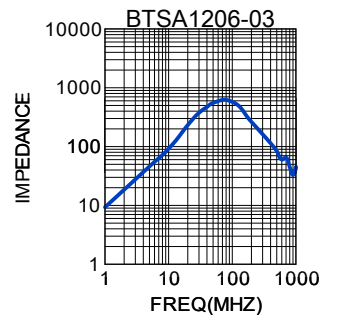
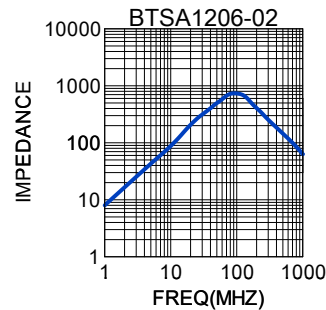
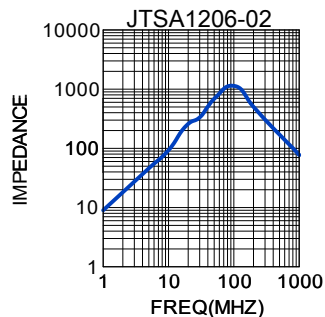
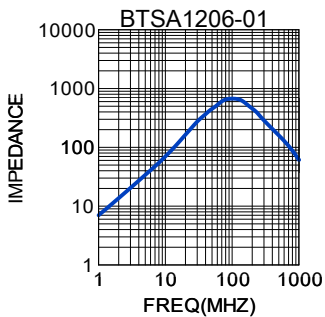
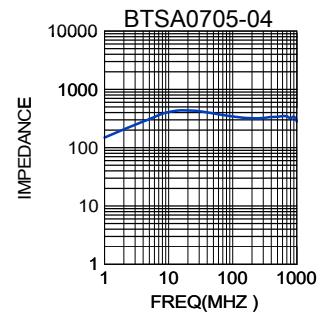
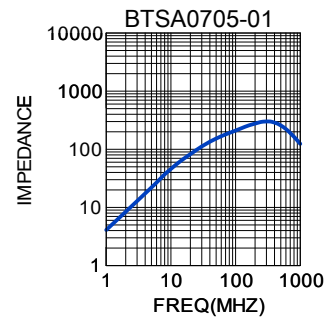
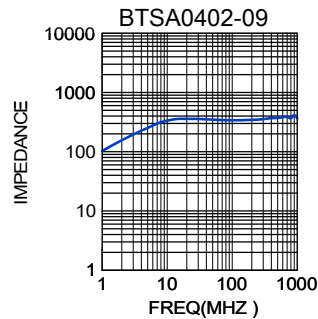
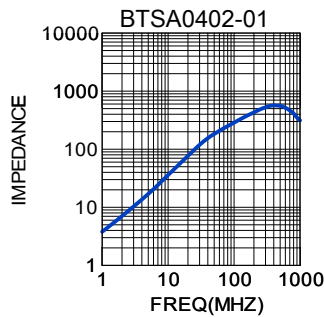
SIZE CODE	SHAPE			
0402 Series	<p style="text-align: center;">TOP VIEW</p>	<p style="text-align: center;">FRONT VIEW</p>	<p style="text-align: center;">SIDE VIEW</p>	<p style="text-align: center;">BOTTOM VIEW</p>
0705 Series	<p style="text-align: center;">TOP VIEW</p>	<p style="text-align: center;">FRONT VIEW</p>	<p style="text-align: center;">SIDE VIEW</p>	<p style="text-align: center;">Pad Layout</p>
1206 Series	<p style="text-align: center;">TOP VIEW</p>	<p style="text-align: center;">FRONT VIEW</p>	<p style="text-align: center;">BACK VIEW</p>	<p style="text-align: center;">SIDE VIEW</p>

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

COMMON MODE CHOKE → TS□ SERIES

ELECTRICAL CHARACTERISTICS

ORDERING CODE	BASE	WINDING	WIRING	Z+/-25% (Average) at 100MHz(Ω)	IDC (mA)	RDC (Ω)max
BTSA0402-01	SMD-8P(5*5mm)	φ0.09*3.5TS*2*2	1-8,2-7,3-6,4-5	280	600	0.300
BTSA0402-09	SMD-8P(5*5mm)	φ0.08*4.5Ts*2	1-8,2-7,3-6,4-5	250	800	0.150
BTSA0705-01	SMD-8P(6*7mm)	φ0.12*3TS*2*2	1-8,2-7,3-6,4-5	210	650	0.100
BTSA0705-04	SMD-8P(6*7mm)	φ0.12*3.5Ts*2	1-8,2-7,3-6,4-5	260	800	0.080
BTSA1206-01	SMD-8P(10*12.5mm)	φ0.26*2.5TS*2	1-5,2-6	668	5000	0.100
JTSA1206-02	SMD-8P(10*12.5mm)	φ0.40*3.5TS*1*2	1-8,4-5	1094	5000	0.100
BTSA1206-02	SMD-8P(10*12.5mm)	φ0.30*2.5TS*2	1-8,4-5	730	2500	0.100
BTSA1206-03	SMD-8P(10*12.5mm)	φ0.25*2.5TS*3	1-5,2-6,3-7	570	4000	0.100
BTSA1206-04	SMD-8P(10*12.5mm)	φ0.26*2.5TS*2*2	1-8,2-7,3-6,4-5	440	5000	0.022
BTSA1206-05	SMD-8P(10*12.5mm)	φ0.12*2.5TS*4	1-8,2-7,3-6,4-5	604	1500	0.100



※IDC: Based on Temperature increase 40°C

※Operating temperature range : -25 to +85°C (including self-heating)

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