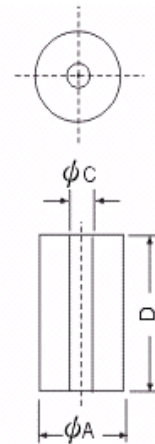


## Toroidal Cores – ST Series

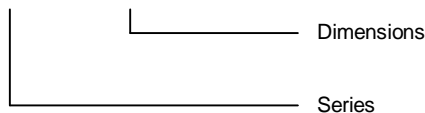


### Features

- Minimal effect on transmission waveforms
- Low cost noise countermeasure
- Application: LAN matching and isolation transformers, EMI Filters, Power Supplies etc.

### Ordering Information

ST 6.0x3.0x3.0



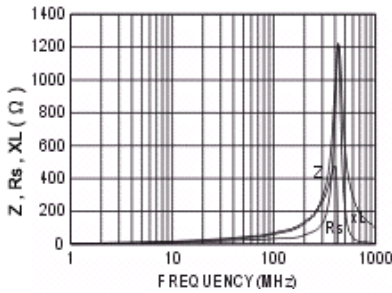
### Characteristic

Part No.	A	C	D	Material	Curve	A <sub>L</sub> (nH)	Impedance (Ω) min	
							25MHz	100MHz
ST4.5x1.5x3.5	4.5 ± 0.2	1.5 ± 0.15	3.5 ± 0.2	K5A		490	70	100
ST5.08x2.36x4.8	5.08 ± 0.2	2.36 ± 0.15	4.8 ± 0.3	K5A		491	310	490
ST7.0x3.5x4.0	7.0 ± 0.2	3.5 ± 0.2	4.0 ± 0.3	K5A		373	15	45
ST7.62x3.18x4.78	7.62 ± 0.2	3.18 ± 0.2	4.78 ± 0.3	K6		1179	25	50
ST9.4x6.3x5.0	9.4 ± 0.3	6.3 ± 0.3	6.2 ± 0.3	K5A		343	10	25
ST9.5x5.02x5.0	9.5 ± 0.3	5.02 ± 0.3	5.0 ± 0.3	K5A		432	20	35
ST9.5x5.0x5.0	9.5 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	K5A		434	20	35
ST9.65x5.02x4.83	9.65 ± 0.3	5.02 ± 0.25	4.83 ± 0.2	K6			10	30
ST9.65x5.0x5.05	9.65 ± 0.3	5.0 ± 0.2	5.05 ± 0.3	K5A		449	21	43
ST10.0x5.1x9.0	10.0 ± 0.3	5.1 ± 0.25	9.0 ± 0.3	P1B		673	30	60
ST10.0x7.0x5.0	10.0 ± 0.3	7.0 ± 0.3	5.0 ± 0.3	K5A		247	15	40
ST12.0x7.0x5.5	12.0 ± 0.3	7.0 ± 0.3	5.5 ± 0.3	K5A		405	15	40
ST12.7x7.9x6.35	12.7 ± 0.3	7.9 ± 0.3	6.35 ± 0.3	K5A	5	414	21	42
ST13.0x7.0x3.0	13.0 ± 0.3	7.0 ± 0.3	3.0 ± 0.2	K5A		252	15	30
ST14.0x8.7x7.0	14.0 ± 0.4	8.7 ± 0.3	7.0 ± 0.3	K5A		458	25	45
ST14.2x4.5x6.0	14.2 ± 0.4	4.5 ± 0.4	6.0 ± 0.3	K5		1245	35	85
ST14.2x6.35x13.8	14.2 ± 0.4	6.35 ± 0.3	13.8 ± 0.4	K5A		1476	60	100
ST14.5x10.5x8.0	14.5 ± 0.4	10.5 ± 0.4	8.0 ± 0.3	K5A		358	15	45
ST15.9x7.9x14.3	15.9 ± 0.4	7.9 ± 0.3	14.3 ± 0.4	K5A		1346	60	100
ST16.0x8.0x13.0	16.0 ± 0.4	8.0 ± 0.3	13.0 ± 0.4	K5A	10	1213	45	90
ST16.5x8.2x13.0	16.5 ± 0.4	8.2 ± 0.3	13.0 ± 0.4	K5A		1223	45	100
ST17.5x9.5x12.7	17.5 ± 0.4	9.5 ± 0.3	12.7 ± 0.4	K5A	14	1054	45	70
ST18.3x10.0x10.0	18.3 ± 0.5	10.0 ± 0.4	10.0 ± 0.4	K5A	17		30	80
ST18.4x9.5x15.0	18.4 ± 0.5	9.5 ± 0.3	15.0 ± 0.4	K5A		1340	50	85
ST18.4x9.6x12.0	18.4 ± 0.5	9.6 ± 0.3	12.0 ± 0.4	K5A		1056	45	80
ST18.7x10.2x17.0	18.7 ± 0.5	10.2 ± 0.4	17.0 ± 0.4	K5A		1400	45	80
ST20.0x10.0x10.0	20.0 ± 0.6	10.0 ± 0.4	10.0 ± 0.4	K5A	20	933	140	250
ST20.7x12.0x14.0	20.7 ± 0.6	12.0 ± 0.4	14.0 ± 0.4	K5A		980	140	250
ST21.0x13.2x12.0	21.0 ± 0.6	13.2 ± 0.4	12.0 ± 0.4	K5A		776	30	65
ST21.2x12.7x6.1	21.2 ± 0.6	12.7 ± 0.4	6.1 ± 0.3	K5A		428	30	65
ST22.0x13.5x8.0	22.0 ± 0.6	13.5 ± 0.4	8.0 ± 0.3	K5A		536	30	60
ST22.0x14.0x8.0	22.0 ± 0.6	14.0 ± 0.4	8.0 ± 0.3	K5A		498	30	60
ST22.1x13.7x6.35	22.1 ± 0.6	13.7 ± 0.4	6.35 ± 0.3	K5A			15	45
ST22.5x13.8x6.4	22.5 ± 0.6	13.8 ± 0.4	6.4 ± 0.3	K5A	21		15	45
ST22.5x13.8x12.8	22.5 ± 0.6	13.8 ± 0.4	12.8 ± 0.4	K5A	22		40	80
ST23.0x11.0x14.0	23.0 ± 0.6	11.0 ± 0.4	14.0 ± 0.4	K5A		1384	60	110

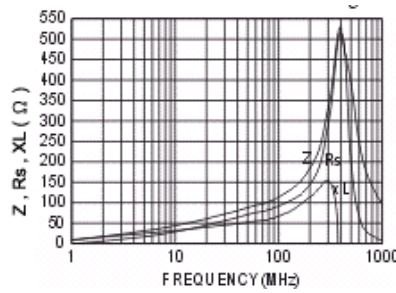


Part No.	A	C	D	Material	Curve	A <sub>L</sub> (nH)	Impedance (Ω)	
							min	
							25MHz	100MHz
ST23.0x13.5x6.34	23.0 ± 0.6	13.5 ± 0.4	6.34 ± 0.4	K5A		463	15	45
ST23.5x12.6x9.4	23.5 ± 0.6	12.6 ± 0.4	9.4 ± 0.3	K6A		1703	60	120
ST24.0x11.0x14.0	24.0 ± 0.6	11.0 ± 0.4	14.0 ± 0.4	K5A		1456	60	100
ST24.0x14.0x11.0	24.0 ± 0.6	14.0 ± 0.4	11.0 ± 0.4	K5A			35	63
ST25.0x15.0x12.0	25.0 ± 0.6	15.0 ± 0.5	12.0 ± 0.4	K5A		467	35	80
ST28.0x16.0x13.0	28.0 ± 0.6	16.0 ± 0.3	13.0 ± 0.4	K6	26	993	40	80
ST29.0x19.0x7.5	29.0 ± 0.6	19.0 ± 0.5	7.5 ± 0.3	K5A		438	20	50
ST31.0x19.0x8.0	31.0 ± 0.9	19.0 ± 0.5	8.0 ± 0.3	K5	27		25	60
ST31.75x19.05x16.0	31.75 ± 0.8	19.05 ± 0.5	16.0 ± 0.4	K5A	28		50	90
ST31.75x19.05x22.5	31.75 ± 0.8	19.05 ± 0.8	22.5 ± 0.6	K5A			60	90
ST35.6x23.0x12.7	35.6 ± 0.8	23.0 ± 0.6	12.7 ± 0.4	K5A	29	765	25	90
ST35.6x5.4x7.5	35.6 ± 0.8	25.4 ± 0.6	7.5 ± 0.2	K5A	30	351	25	90
ST40.6x27.5x15.0	40.6 ± 1.0	27.5 ± 0.6	15.0 ± 0.4	K5A		808	35	85
ST40.6x27.0x15.0	40.6 ± 1.0	27.0 ± 0.6	15.0 ± 0.4	K5A		845	35	85

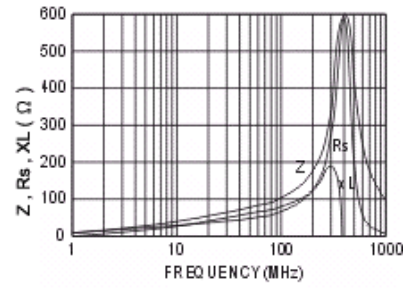
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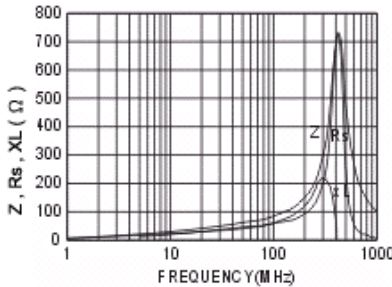
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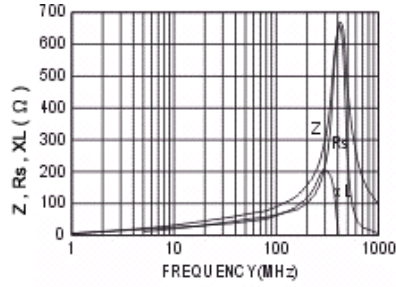
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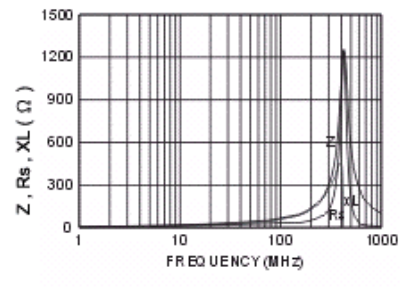
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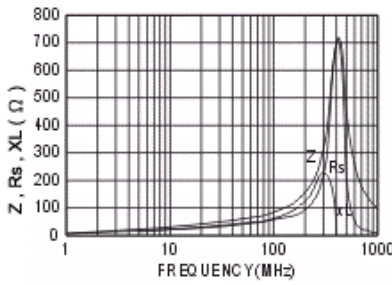
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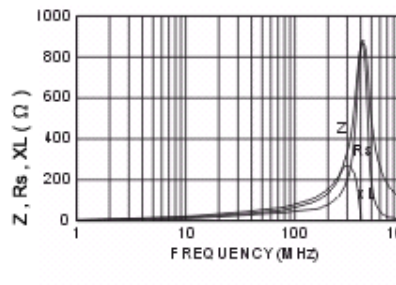
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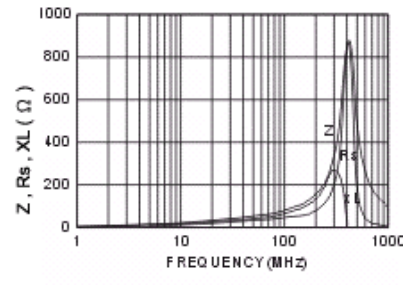
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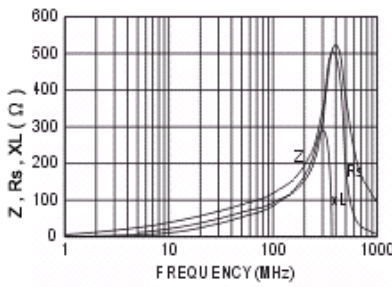
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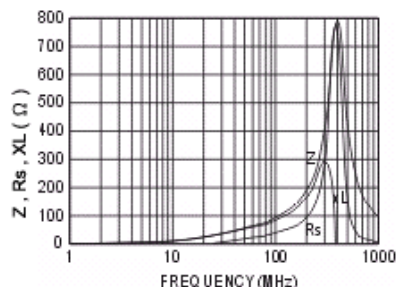
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