

# TOKEN RING TRANSFORMERS

IMPEDANCE MATCHING AND ISOLATION TRANSFORMERS



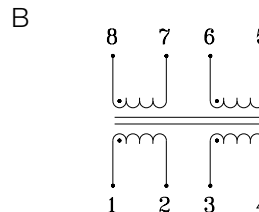
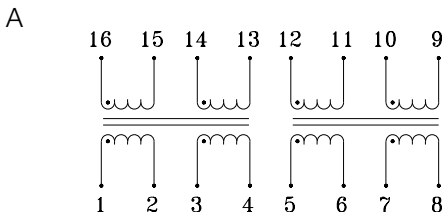
960047A

- Design for use in IEEE 802.5 token ring applications, 4 or 16 Mbps applications
- Single or dual designs, through-hole or surface mount packaging
- Impedance match or isolation transformer applications
- For use with either 150 ohm STP or 100 ohm UTP media
- 2000 Vrms isolation

## ELECTRICALS AT 25°C

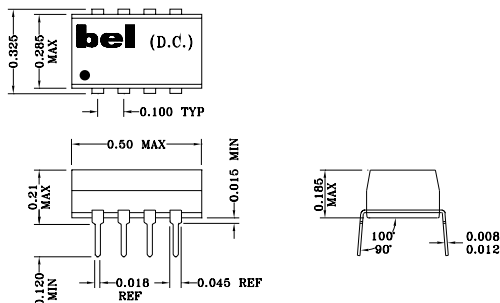
Part No.	Turns Ratio	Inductance OCL ( $\mu\text{H}$ ) Typical	Coupling Capacitance $C_{\text{ww}}$ (pF) Max	Leakage Inductance $L_{\text{L}}$ ( $\mu\text{H}$ ) Max	Pri/Sec (ohms) Max	Schematic	Package Style
A553-1506-6E	1:1:0.816:0.816	125	10	0.10	0.40/0.40	A	Dual
A553-1506-6K	1:1:0.816:0.816	125	10	0.10	0.40/0.40	B	Single
A553-5006-JE	1:1:1:1	125	10	0.10	0.40/0.40	A	Dual
A553-5006-JK	1:1:1:1	125	10	0.10	0.40/0.40	B	Single
A553-5006-KE	1:1:2:2	125	10	0.10	0.40/0.80	A	Dual
A553-5006-KK	1:1:2:2	125	10	0.10	0.40/0.80	B	Single
S553-1506-6F	1:1:0.816:0.816	100	10	0.10	0.20/0.20	A	Dual
S553-5006-JF	1:1:1:1	125	15	0.10	0.20/0.20	A	Dual
S553-5006-KF	1:1:2:2	125 +/- 20%	10	0.10	0.20/0.40	A	Dual
S553-5999-10	1:1:2.45:2.45	125 +/- 20%	10	0.10	0.40/0.85	A	Dual
S553-5999-11	1:1:1.22:1.22	250	20	0.50	0.40/0.50	A	Dual
S553-5999-12	1:1:2.44:2.44	125	20	0.50	0.40/0.98	A	Dual

## SCHEMATICS

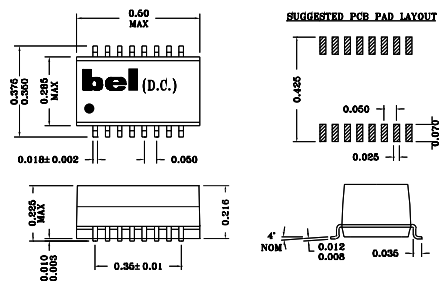


## MECHANICALS

Single



Dual



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