ISOLATION TRANSFORMERS FOR STARLAN APPLICATIONS

960034A

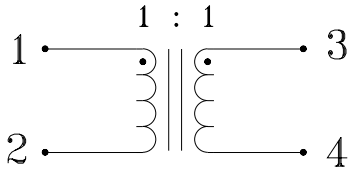
- Designed for IEEE 802.3 (Base 5) applications
- Single and dual designs
- High isolation voltage design, rated to 2000 Vrms
- Fast rise times

ELECTRICALS AT 25ºC

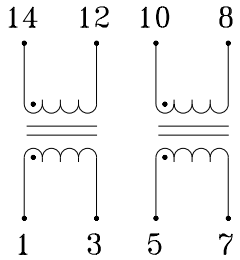
Part No.	Turns Ratio	Inductance Lp (mH) (+/- 20)	ET Constant (Vμs) Min	Rise Time (ns) Max	Coupling Capacitance C_{WW} (pF) Max	Leakage Inductance L_L (μH) Max	Pri/Sec DCR (ohms) Max	Schematic	Package Style
0553-0033-AC	1:1	2.50	25	50	25	6.0	1.00	A	1
0553-0033-AJ	1:1	2.50	25	50	25	6.0	1.00	B	2
0553-3005-AC	1:1	2.50	25	20	40	0.8	1.00	A	1
0553-3005-AJ	1:1	2.50	25	20	40	0.8	1.00	B	2

SCHEMATICS

A

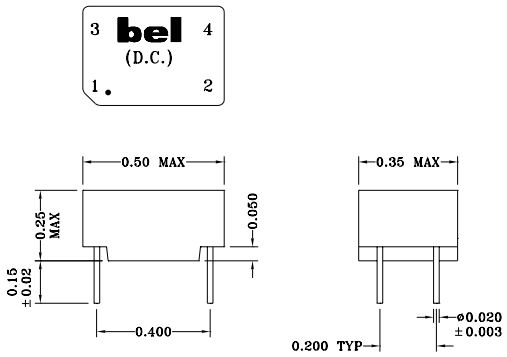


B

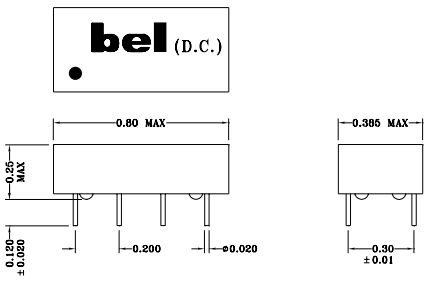


MECHANICALS

1



2



Specifications subject to change without notice.

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defining a degree of excellence

ISOLATION TRANSFORMERS FOR STARLAN APPLICATIONS

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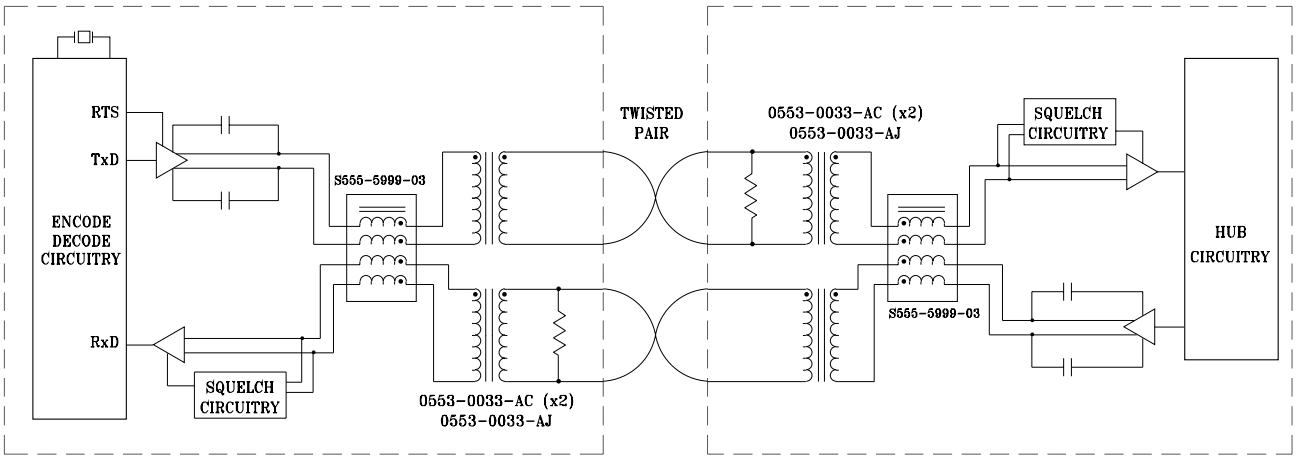
APPLICATION CIRCUIT



APPLICATION NOTES

- Inductance is measured at 100KHz, IV RMS.
- Surface mount packaging is available.
- Separate 4 wire filter networks are available.
- Designed for both hub and node use.

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