

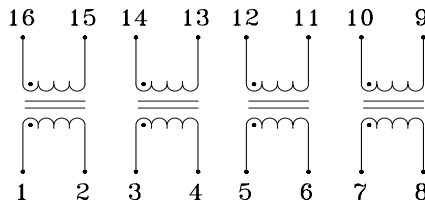
10BASE-T NETWORK COMPONENTS

- Designed for use with Level One LXT914 multi-port 10Base-T repeater PHY transceiver
- Quad, 4-port transmit or receive in one through-hole or surface mount package
- Complies with IEEE 802.3 10Base-T specifications
- 2000 Vrms isolation

ELECTRICALS AT 25°C

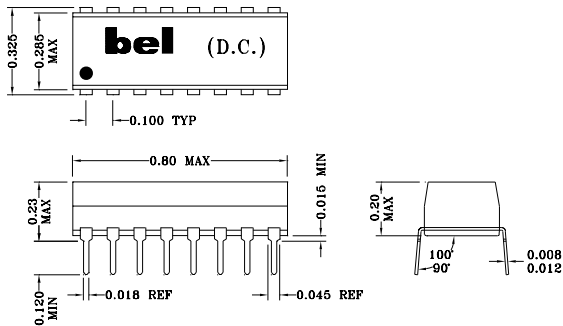
Part No.	Turns Ratio (all xfmr's)	Insertion Loss (dB) Max 1-10MHz	OCL μ H +/-30%	Return Loss (dB) Min 1MHz-10MHz	Crosstalk (dB) Min 1MHz-10MHz	Package Style
A553-5999-00	1:1	-1.0	150	-18	-40	1
A553-5999-01	1:š2	-1.0	150	-18	-40	1
S553-5999-02	1:1	-1.0	150	-18	-40	2
S553-5999-03	1:š2	-1.0	150	-18	-40	2

SCHEMATIC

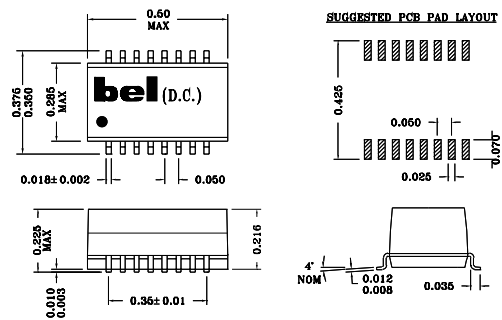


MECHANICALS

1



2

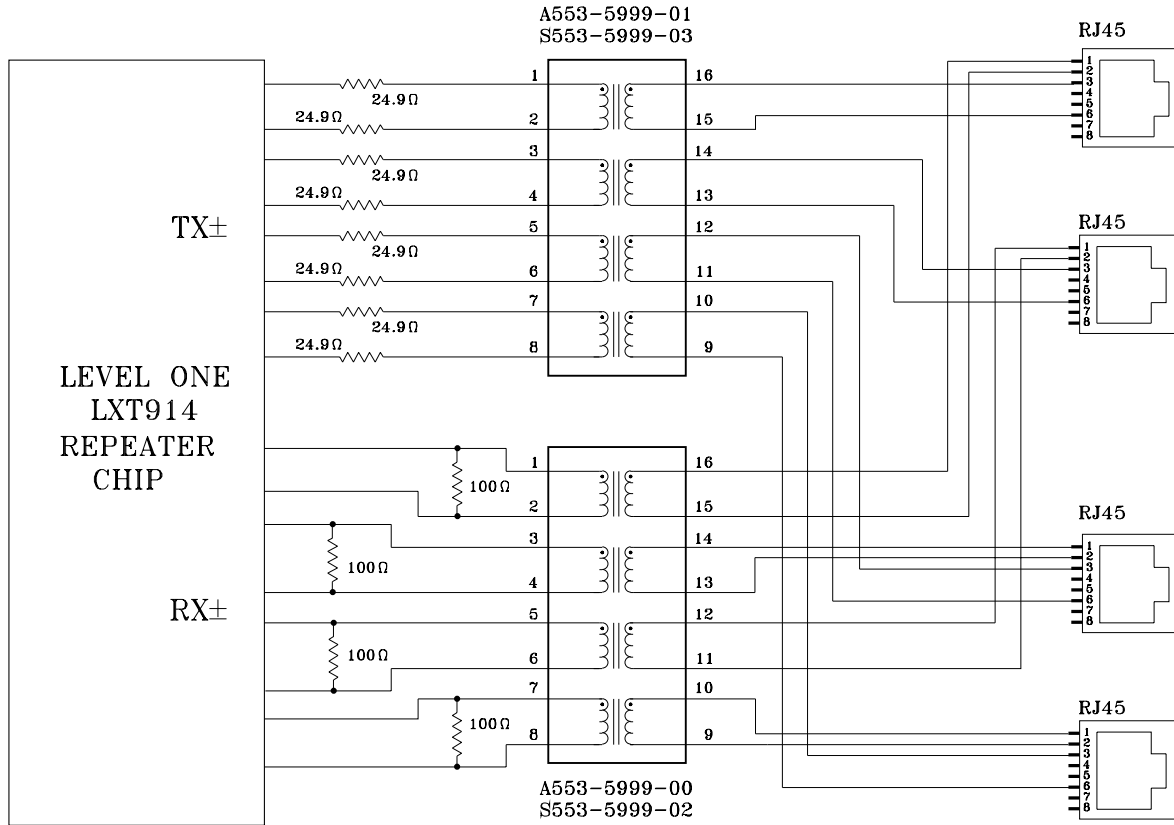


Specifications subject to change without notice.

10BASE-T NETWORK COMPONENTS

960052A

APPLICATION CIRCUIT



APPLICATION NOTES

- All designs meet IEEE 802.3 standards.
- Additional common mode chokes are available in separate packaging.
- Quad designs with integrated transmit and receive transformers, with or without common mode chokes, are available.
- Bel's low profile, surface mount packaging is ideal for high speed pick and place machinery. Parts can be shipped on tape and reel for high speed placement. Construction processes have been implemented for thermal compatibility with high temperature IR reflow assembly processing. Post dipping of leads assist with PC board solderability. Each part is optically inspected to meet rigid coplanarity requirements.

Corporate Office

Bel Fuse Inc.
198 Van Vorst Street, Jersey City, NJ 07302-4496
Tel: 201-432-0463
Fax: 201-432-9542
E-Mail: BelFuse@belfuse.com
Internet: <http://www.belfuse.com>

Far East Office

Bel Fuse Ltd.
8F/8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel: 852-2328-5515
Fax: 852-2352-3706

European Office

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Preston PR1 8UD
Lancashire, U.K.
Tel: 44-1772-556601
Fax: 44-1772-888366