

TOKENRING NETWORKING COMPONENTS

960040A

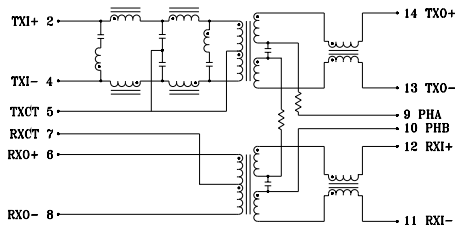
- Designed for use with Texas Instruments TIC380C30/C60 token ring transceivers
- Space efficient SIP packaging for multi-port hub repeater and switch applications
- Complies with IEEE 802.5 standards
- Supports STP 150 ohm or UTP 100 ohm cable

ELECTRICALS AT 25°C

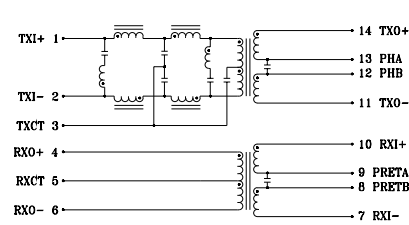
Part No.	Turns Ratio	Insertion Loss (dB) Max			Attenuation (dB) Min				Return Loss (dB) Min TX/RX			Common to Common Mode Rej (dB) Min				Common to Dif Mode Rej (dB) Min				Crosstalk (dB) Min		
		1-8MHz	16MHz	24MHz	33MHz	36MHz	44MHz	100MHz	1-6MHz	6-17MHz	17-24MHz	5MHz	20MHz	70MHz	200MHz	1-4MHz	10MHz	30MHz	100MHz	1-4MHz	10-16MHz	25MHz
0556-5841-01	1.22:1	-0.6	-0.8	-1.9	-7	-25	-30	-25	-14/-23	-12/-20	-8/-17	-45	-30	-30	-20	-50	-40	-30	-25	-50	-40	-35
0556-5841-02	1.22:1	-0.6	-0.8	-1.9	-7	-25	-30	-25	-14/-23	-12/-20	-8/-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-50	-40	-35
0556-5841-06	1.22:1	-0.5	-0.8	-1.7	-7	-25	-18	-25	-14/-23	-12/-20	-8/-17	-45	-30	-30	-20	-50	-40	-30	-25	-50	-40	-35
0556-5841-07	1.22:1	-0.6	-0.8	-1.9	-7	-25	-25	-25	-14/-23	-12/-20	-8/-17	-45	-30	-30	-20	-50	-40	-30	-25	-50	-40	-35

SCHEMATICS

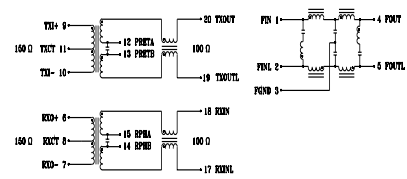
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0556-5841-02



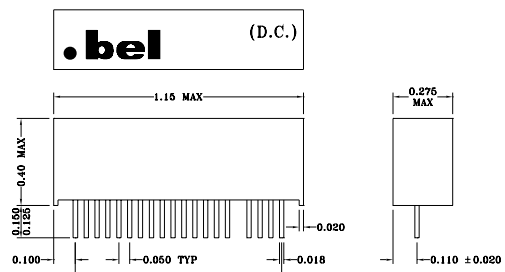
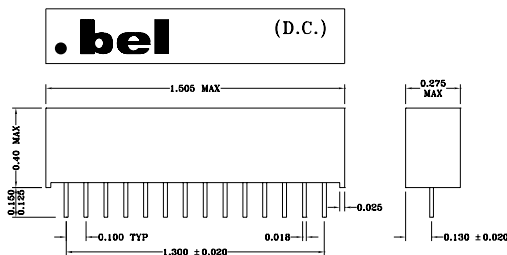
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MECHANICALS

0556-5841-01
0556-5841-02
0556-5841-07

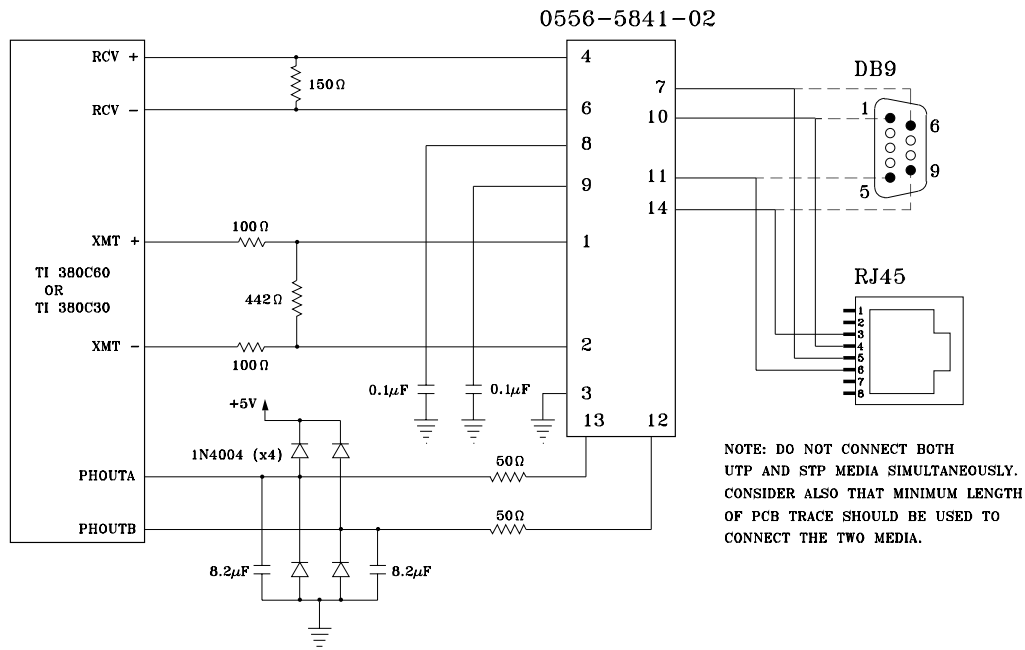
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Specifications subject to change without notice.

TOKENRING NETWORKING COMPONENTS

APPLICATION CIRCUIT



APPLICATION NOTES

- Bel has created these products for use with token ring 4/16 Mbps chipsets developed by Texas Instruments in 150 ohm STP and 100 ohm UTP media applications; however, both the 150 ohm and 100 ohm connections cannot be used simultaneously. The Bel modules provide internal filter networks on the transmit channels, in addition to both transmit and receive high voltage isolation transformers, plus common mode chokes on both channels for EMI and noise suppression.
- Suppression of board induced noise can be achieved with precision layout instructions, along with careful consideration of the selection and placement of discrete components for the interface circuit.

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