

# YCL

## 10Base-T Quad Transformer Design for varied turn ratio on Tx side

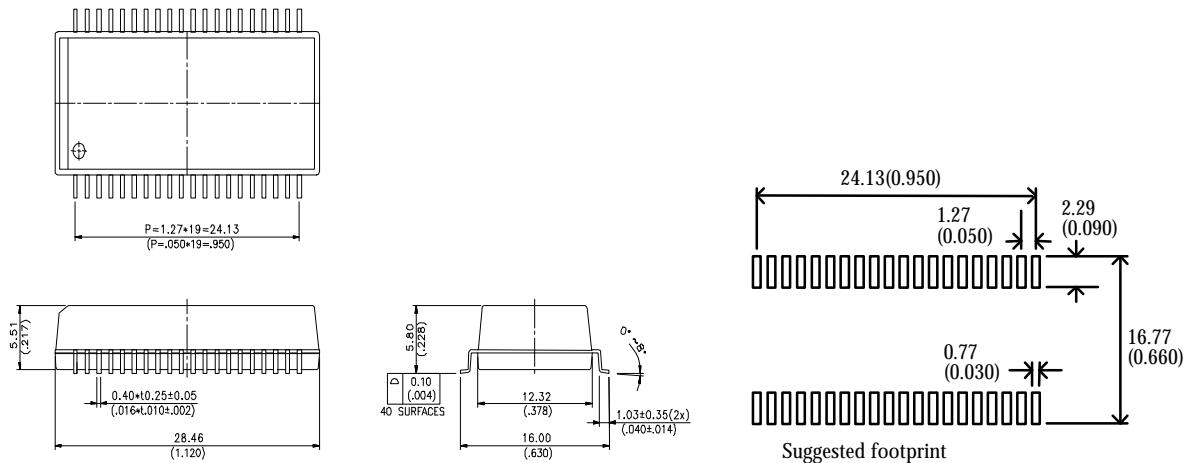


- ◆ Designed to meet IEEE802.3 requirement.
- ◆ Designed to meet IR 235°C peak requirement.
- ◆ 1500 Vrms isolation

### Electrical Characteristic @25°C

Model No.	Turn Ratio TX/RX	Insertion Loss (1-10MHz)dB max.	Return Loss (dB min.)		Crosstalk dB min. (5-10MHz)	Schematic
			X' mit	Receiver		
PT403001	1:1/1:1	-1.0	-18.0	-15.0	-50.0	S-1
PT403002	1:1/1:1	-1.0	-18.0	-15.0	-50.0	S-1
PT403004	1:1.414/1:1	-1.0	-18.0	-15.0	-50.0	S-2
PT403007	1:1.414/1:1	-1.0	-18.0	-15.0	-50.0	S-3
PT403090	2:1/1:1	-1.0	-18.0	-15.0	-50.0	S-2
PT403275	1:1.414/1:1	-1.0	-18.0	-15.0	-50.0	S-4

### Dimension:

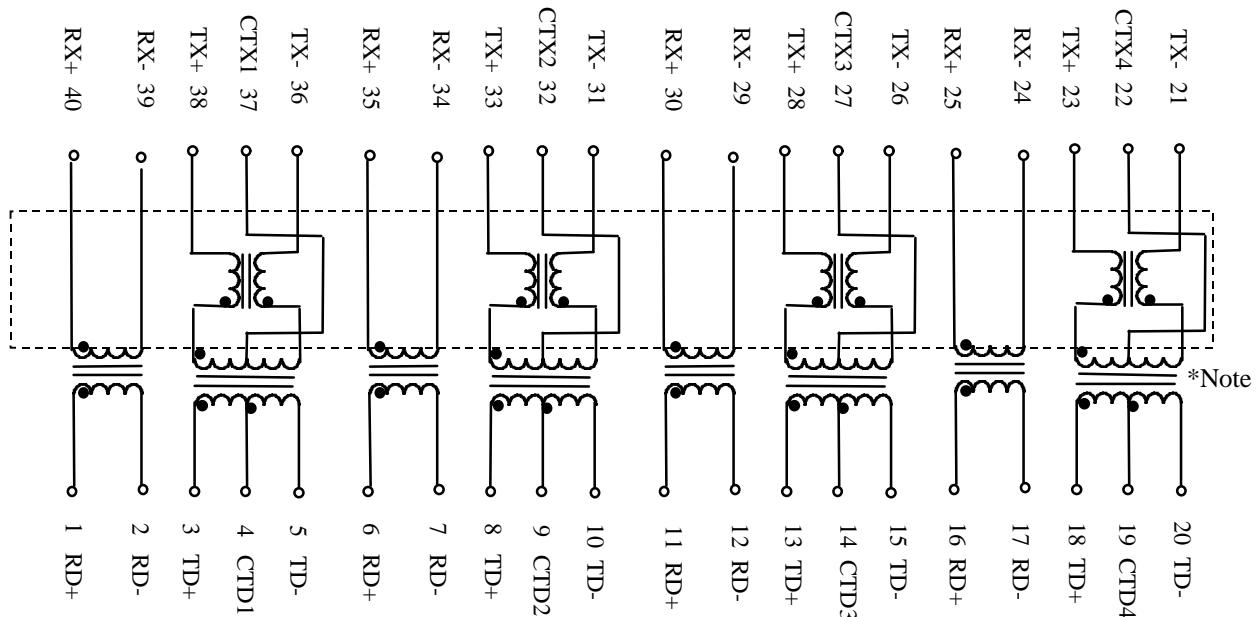


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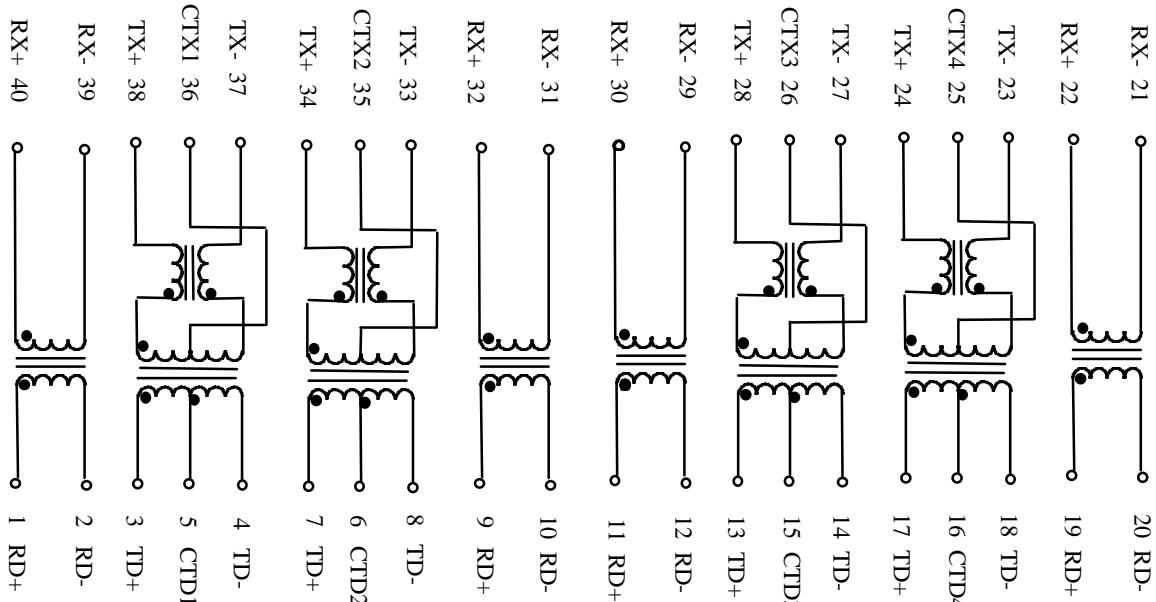
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### Schematic

**S-1**



**S-2**

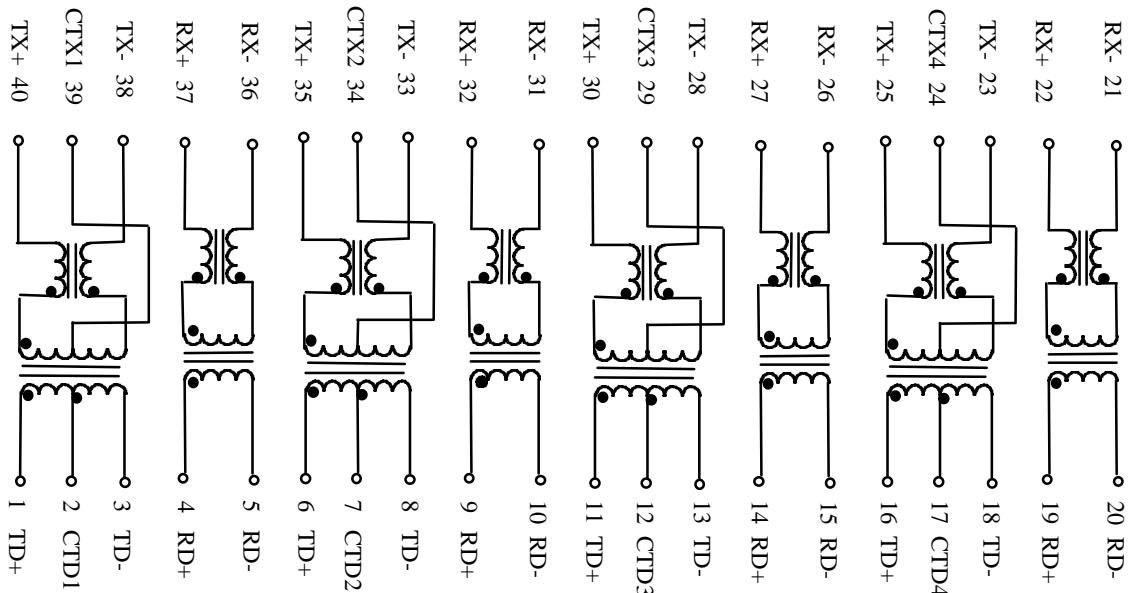


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## 10Base-T Quad Transformer Design for varied turn ratio on Tx side

### Schematic

**S-3**



**S-4**

