

# 10/100Base-TX Quad Port Transformer Modules

Link-PP Int'l Technology

- ※1:1 transmit and receive turn ratios
- ※Compatible with various IC manufacturers
- ※Compliant with IEEE standards
- ※1500 Vrms Isolation voltage
- ※For RoHS part add suffix NL
- ※RoHS NL peak solder rating 235°C

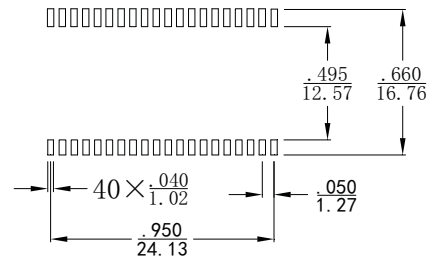
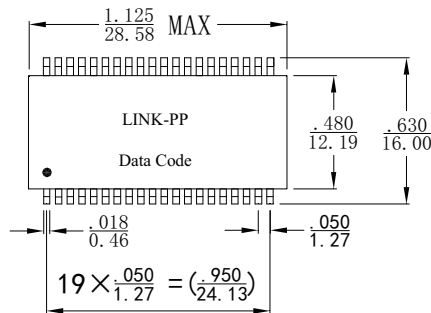


## Electrical Specifications 25 °C — Operating Temperature 0°C to 70°C

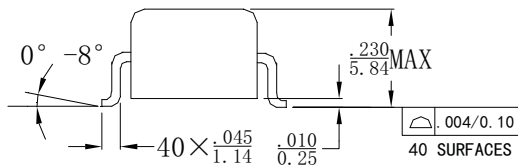
Part Number	Insertion LOSS (dB TYP)	Return Loss (dB TYP)					Crosstalk (dB TYP)				Common to Common Rejection Ratio 0.1-60 MHz (dB TYP)		Differential to Common Mode Rejection (dB TYP)	
		0.1-100MHz	2-30 MHz	40 MHz	50 MHz	60-80 MHz	1 MHz	30 MHz	60 MHz	100 MHz	Transmit	Receive	1-60MHz	60-80 MHz
LP1036	-0.5	-21	-17	-14.5	-12	-65	-55	-45	-35	-30	-30	-40	-30	
LP1044	-0.5	-21	-17	-14.5	-12	-65	-55	-45	-35	-30	-30	-40	-30	
LP1053	-0.5	-21	-17	-14.5	-12	-65	-50	-40	-30	-30	-30	-40	-30	
LP1060	-0.5	-21	-17	-14.5	-12	-65	-50	-40	-30	-30	-30	-40	-30	
LP1062	-0.5	-21	-17	-14.5	-12	-65	-55	-45	-35	-30	-30	-40	-30	
LP1071	-0.5	-21	-17	-14.5	-12	-65	-50	-40	-30	-30	-30	-40	-30	
LP1166	-0.5	-16	-14.4	-13.1	-12	-50	-45	-40	-35	-30	-30	-40	-30	
LP1203	-0.5	-21	-17	-14.5	-12	-65	-55	-45	-35	-30	-30	-40	-30	
LP1236	-0.5	-18	-16	-14.5	-12	-50	-45	-40	-35	-30	-30	-40	-35	

## Mechanical

### LP1XXX,LP12XX



SUGGESTED PAD LAYOUT



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

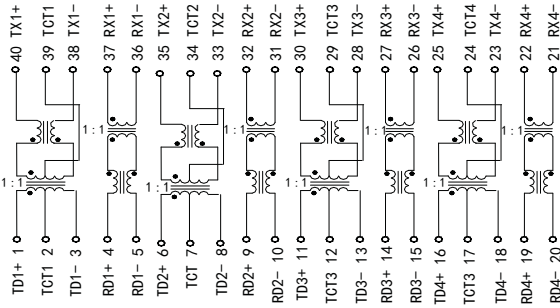
Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$

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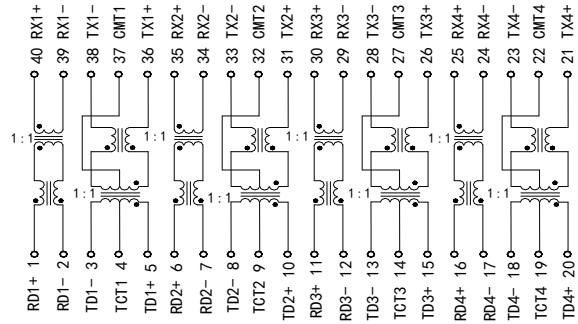
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## Schematics

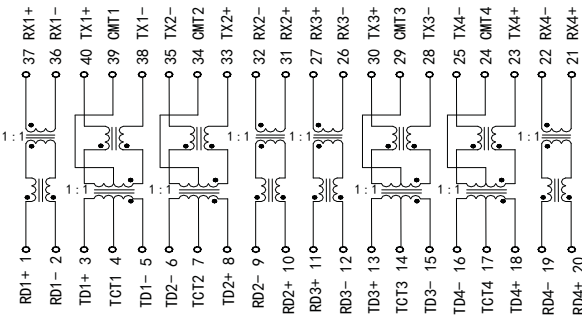
LP1036 ,LP1236



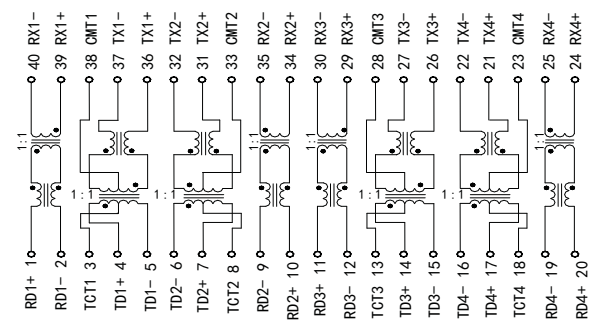
LP1044



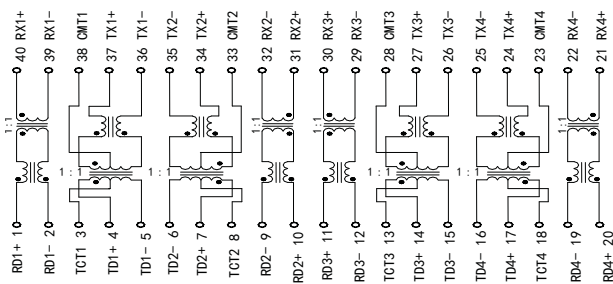
LP1053



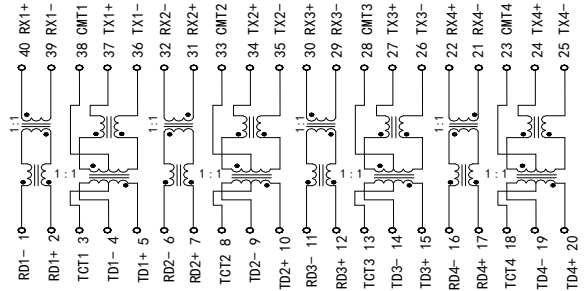
LP1060



LP1062, LP1203



LP1071



LP1166

