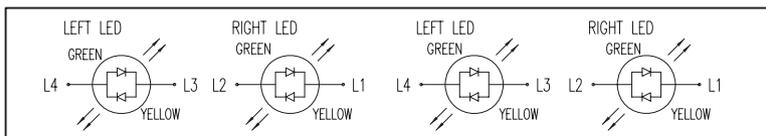




## RJ45 with Transformer

KLS12-TL137 1000 Base 2x4 RJ45

### Electrical Specifications:



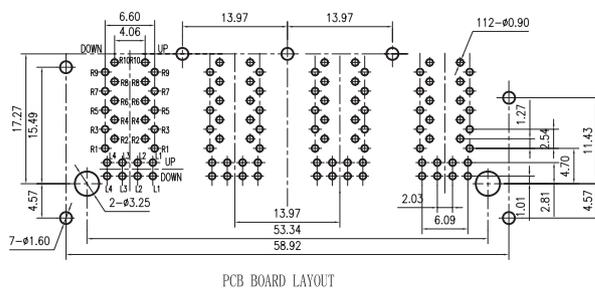
### LED Specification

Standard LED Color	LED Wavelength	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
Green	560-580 nm	2.5V	2.1-2.2V	9-25 MCD
Yellow	580-610 nm	2.5V	2.1-2.2V	9-30 MCD
Orange	580-610 nm	2.5V	2.1-2.2V	50-100 MCD

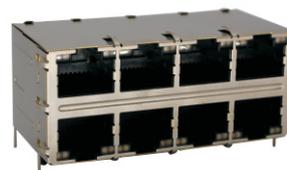
1. LED intensity/wavelength measured with Photo Research PR-650 Colormeter
2. With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25°C)

### ELECTRICAL SPECIFICATIONS AT 25°C

Insertion Loss dB max	Return Loss dB min			Crosstalk (dB TYP)			Common Mode Rejection (dB TYP)		Hipot (vrms)
	1-30MHz	30- 60MHz	60- 100MHz	1-30MHz	30- 60MHz	60- 100MHz	1-50MHz	50-150MHz	
-1.0	-18	-16	-12	-40	-35	-30	-30	-20	1500/0.5mA



PCB BOARD LAYOUT



## ORDER INFORMATION

L-KLS12-TL137 -2X4 - GY

Part Number

Part Number

LED Style

2X4Ports

Green&Yellow/  
Green&Yellow