

RJ45 with Transformer

KLS12-TL134 1000 Base 2x1 RJ45

Electrical Specifications:

ELECTRICAL:

RoHS peak wave solder temperature rating 235° High performance for maximum EMI suppression 350uH minmum OCL with 8mA bigs current PoE rating:15W,350mA,48V (For PoE Products only)

MECHANICAL:

JACK CAVITY CONFORMS TO FCC RULES AND

REGULATIONS, PART 68 SUBPART F.

INSERTION FORCE: 2 CONTACTS----350g 4 CONTACTS----500g 6 CONTACTS----900g 8 CONTACTS----900g

10 CONTACTS----1050g

RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG DURABILITY: 750 MATING CYCLES Mini

MATERIAL:

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0) 2) GLASS FILLED PA46/LCP (UL 94V-0)

3) GLASS FILLED PBT (UL 94V-0)

1) 0.2-0.45mm DIA PHOSPHOR BRONZE GOLD SPRING WIRE:

PLATING OVER NICKE

2) 0.2-0.35mm THICKNESS PHOSPHOR BRONZE ALLOY

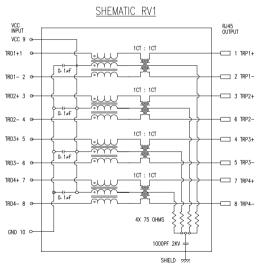
SELECTIVE GOLD PLATING OVER NICKEL

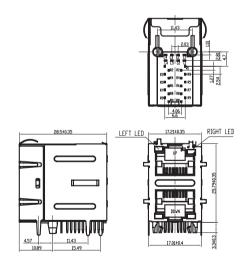
SHIELDING: 0.12-0.24mm THICKNESS COPPER ALLOY WITH TIN PLATED

GOLD PLATING: $3\mu''$, $6\mu''$, $15\mu''$, $30\mu''$, $50\mu''$

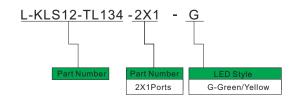
WORKING TEMPERATURE: -20℃∞70℃

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0~10±0.15, 10~20±0.2, 20~40±0.25, 10~70±0.3>70±0.4





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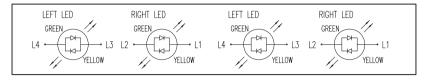




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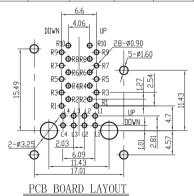
LED Specification

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	

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

ELECTRICAL SPECIFICATIONS AT 25°C

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



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