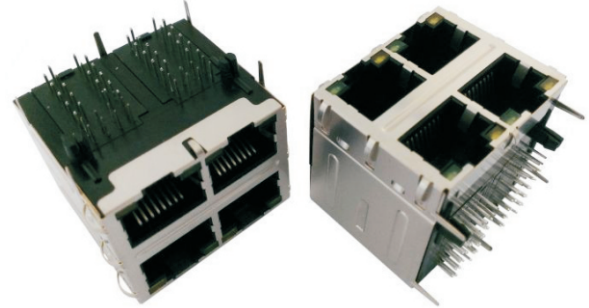
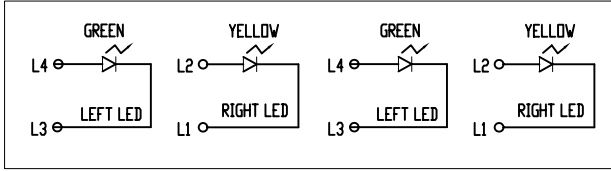


Modular Jack with Transformer



KLS12-TL056 10/100 BASE-LED 2x2Tab-Down RJ45



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

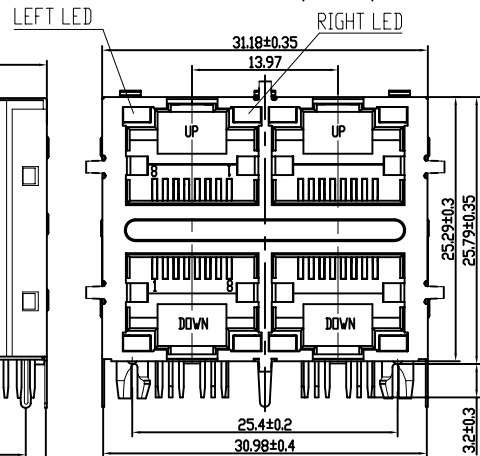
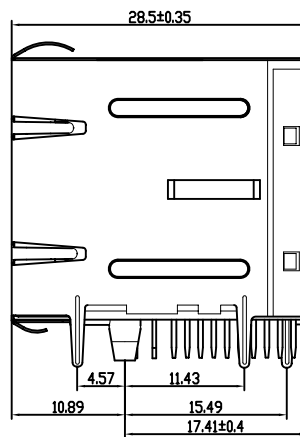
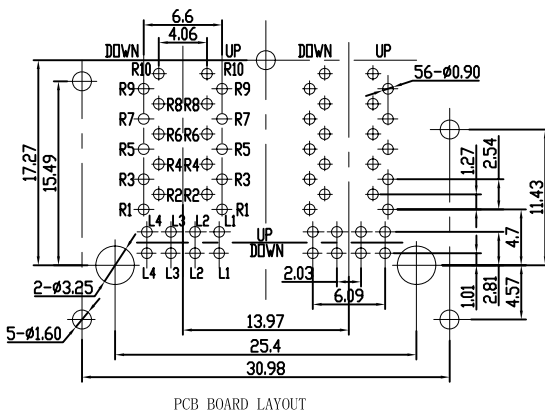
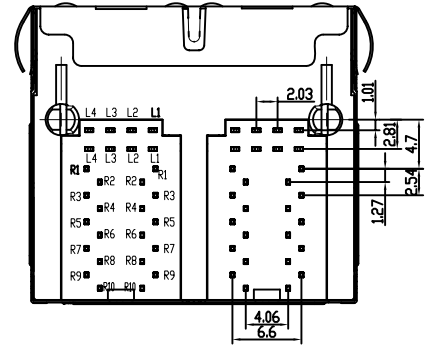
- LED intensity/wavelength measured with Photo Research PR-650 Colorimeter
- With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25.)

1: TOLERANCES UNLESS OTHERWISE SPECIFIED :

0.10±0.15, 1.10, 2.0±0.2, 2.40±0.25, 1

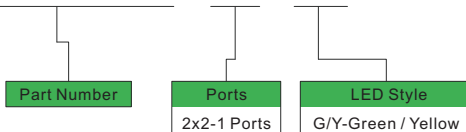
40, 70±0.3, 1.70±0.4

2: JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.



ORDER INFORMATION

KLS12-TL056 - 2x2 - G/Y



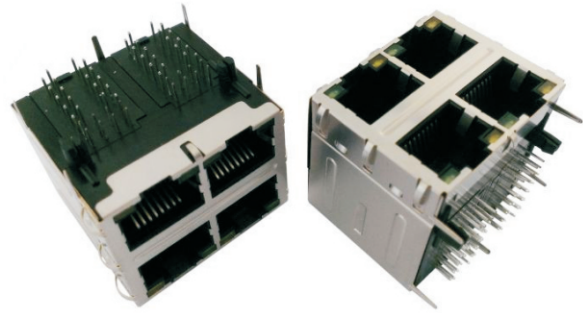
Modular Jack with Transformer



KLS12-TL056 10/100 BASE-LED 2x2Tab-Down RJ45

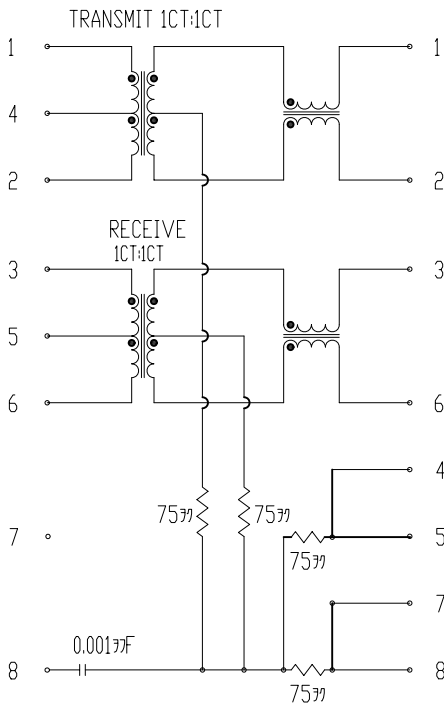
Connect Material:

Housing: Thermoplastic, PBT, UL 94V-0, Black
Contact/Shield: Cooper alloy
Shield Plating: Nickel
Contact Plating: Selective gold 6u" Min



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	60-100MHz	1-50MHz	50-150MHz	
-1.0	-18	-16	-12	-40	-35	-30	-30	-20	500/0.5mA	



DESCRIPTION

RJ45 With internal Magnetics Connector
Designed to support such applications as Ethernet Equipment Complex, Switches, Routers, Firewalls, Servers and Hub
Internal magnetics are 100% electrically tested for functionality per IEEE802.3 requirement
RoHS peak wave solder temperature rating 235.
High performance for maximum EMI suppression
350uH minimum DCL with 8mA bias current
PoE rating 15W, 350mA, 48V (For PoE Products only)

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
INSERTION FORCE: 2 CONTACTS----350g 4 CONTACTS----500g
6 CONTACTS----750g 8 CONTACTS----900g
10 CONTACTS----1050g
RETENTION STRENGTH: 7.7Kg BETWEEN JACK AND PLUG
DURABILITY: 750 MATING CYCLES Mini

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)
2) GLASS FILLED PA46/LCP (UL 94V-0)
3) GLASS FILLED PBT (UL 94V-0)
MATERIAL: SPRING WIRE: 1) 0.2-0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL
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: 3μ, 6μ, 15μ, 30μ, 50μ
WORKING TEMPERATURE: -20..70.
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0.40±0.15, 1.0, 2.0±0.2, 120, 40±0.25, 140, 70±0.3, 1.570±0.4

ORDER INFORMATION

KLS12-TL056 - 2x2 - G/Y

