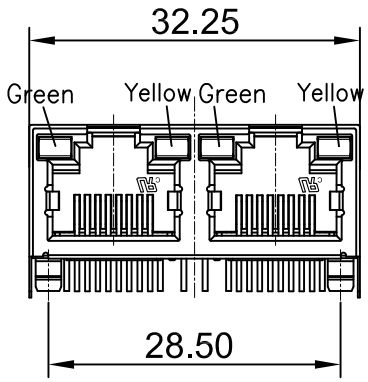
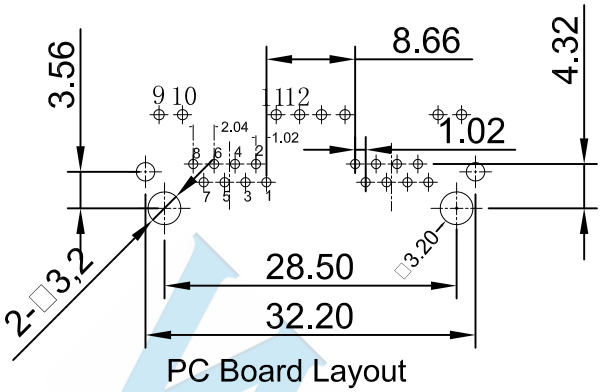
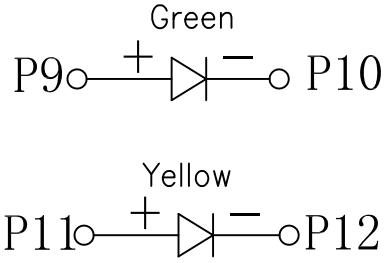
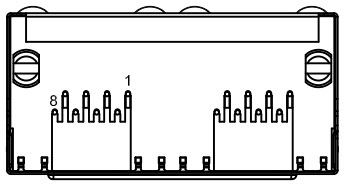
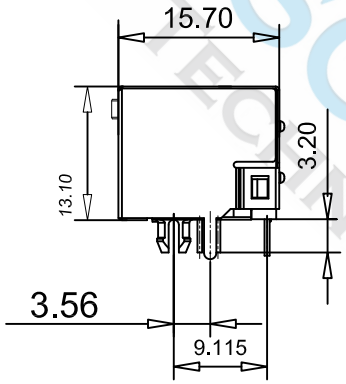




PC Board Layout







NOTES:

ELECTRICAL:

1.	VOLTAGE RATING	:125 VAC RMS.
2.	CURRENT RATING	: 1.5 AMP.
3.	CONTACT RESISTANCE	: 30 MILLIOHMSMAX
4.	INSULATION RESISTANCE	: 500 MEGOHMS MIN @ 500 NDC.
5.	DIELECTRIC STRENGTH	: 1000 VAC RMS 50Hz or 60Hz, 1MIN.

MECHANICAL:

1.	HOUSING & INSERT MATERIAL	: PBT UL94V-0.
2.	CONTACT MATERIAL	: DIAMETER0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3.	SHIELD	: 0.20~0.25MM THICKNESS BRASS WITH NI PLATED.
4.	MATING/UNMATING FORCE	: 2.2KG.F MAX.
5.	RETENTION STRENGTH	: 7.7KG.F MIN BETWEEN JACK AND PLUG.
6.	OPERATING LIFE	: 750 CYCLES MIN.

ENVIRONMENTAL:

1.	STORAGE	: -40℃ ~+85℃ REATIVE HUMIDITY<70%
2.	OPERATION	: -40℃ ~+85℃

WISCONN TECHNOLOGY

DIMENSIONS TOLERANCE METRIC												
Up to 5 ±0.2 Above 5~15 ±0.3 Above 15~30 ±0.4 Above 30~50 ±0.5 Angle ±0.3°	UNITS	MM	FINISH	SEE NOTE	CH'K	Calvin	DRAW NAME	RJ45 1X2 TU LED(GY) TYPE	WISCONN Technology Co.,Ltd			
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WRJ5-1X2FPBDR-GY	Tel:+886-2-2790-1979 Fax:+886-2-2790-1569			
	MT'L	SEE NOTE	DE'N	Mike	DATE	August . 18 . 2022	DRAW NUMBER	C006	SCALE 1/1	SIZE A4	SHEET 1	REV. A
							FILE NAME .DWG					