

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ChengJie	2019/09/11

NOTES:

ELECTRICAL:

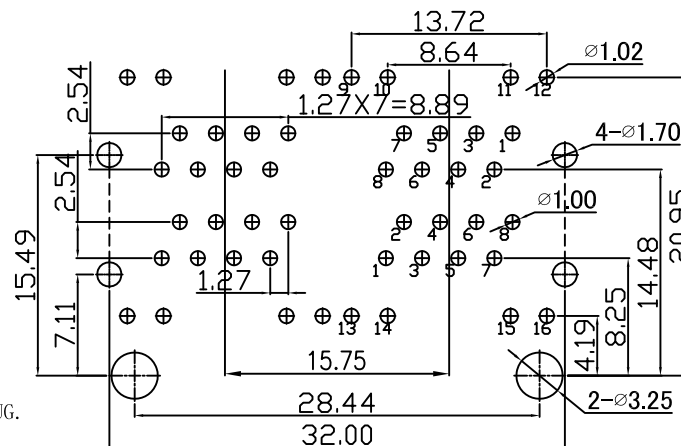
1. VOLTAGE RATING: 125V AC.
2. CURRENT RATING: 1.5A.
3. CONTACT RESISTANCE: 30 mΩ MAX.
4. INSULATION RESISTANCE: 500 MΩ MIN @ 500V DC.
5. DIELECTRIC STRENGTH: 1000V AC 50Hz or 60Hz, 1MIN.

MECHANICAL:

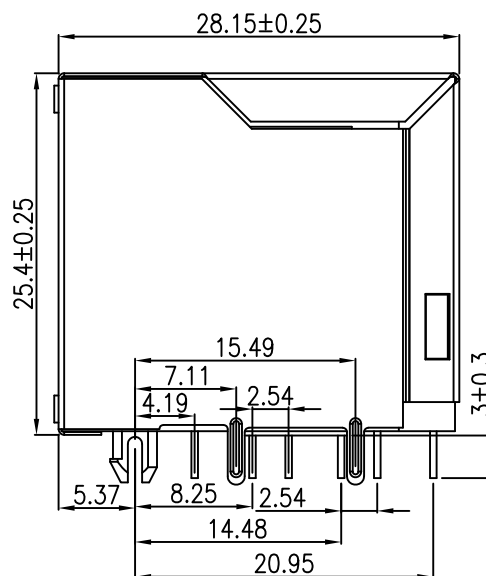
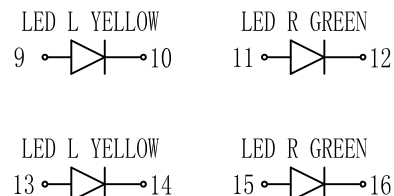
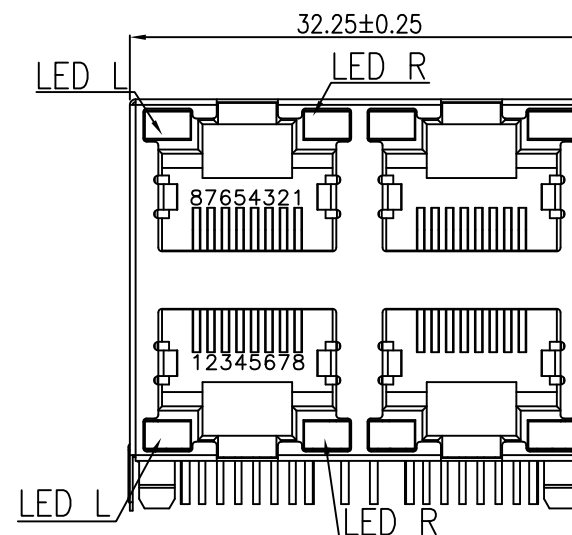
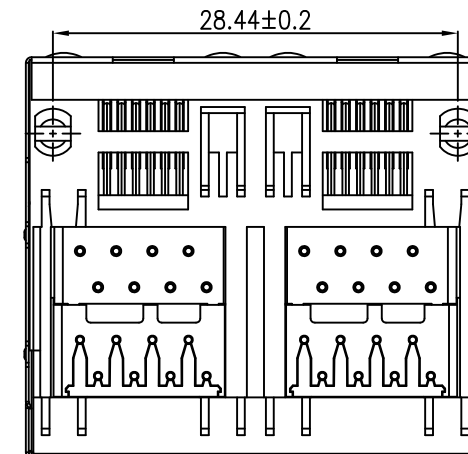
1. INSERT MATERIAL: UL94V-0.
2. CONTACT MATERIAL: $\varnothing 0.46\text{mm}$ C51000 (QSn4-0.3) PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD: 0.20mm THICKNESS H65Y BRASS NICKEL PLATED.
4. MATING/UNMATING FORCE: 2.2KG.F MAX.
5. RETENTION STRENGTH: 3.0KG.F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE: 750 CYCLES MIN.

ENVIRONMENTAL:

1. STORAGE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ RELATIVE HUMIDITY<70%.
2. OPERATION: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.



PC Board Layout



TITLE: RJ45 8P8C 2*2 Left yellow and right green	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: PuHongjun
			x±0.35	x°±3.0°	
			.xx±0.30	.x°±2.0°	
PART NO.: FCRJ45-5JC88-221SC	SACLE 1:1	REV A0	.xx±0.25	.xx°±1.5°	CHECKED BY: Andy Wang
REMARK:	SHEET 1/1		.xxx±0.10	.xxx°±1.0°	DESIGND BY: ChengJie

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