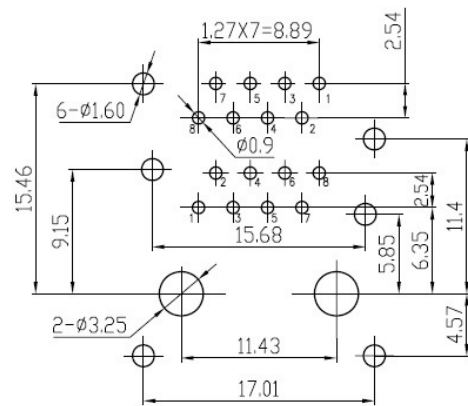
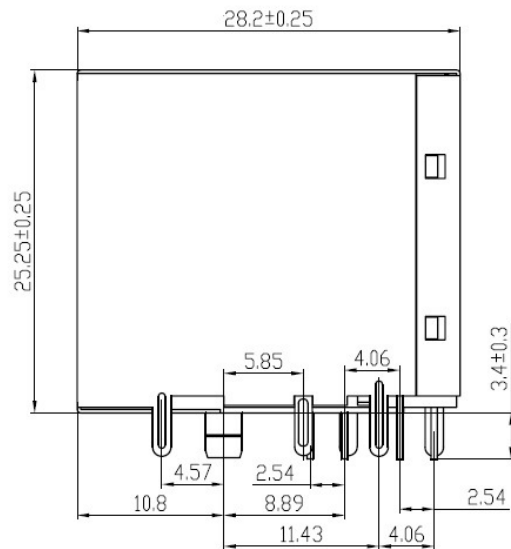
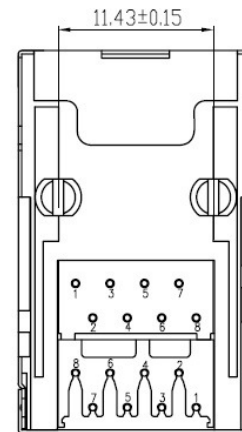
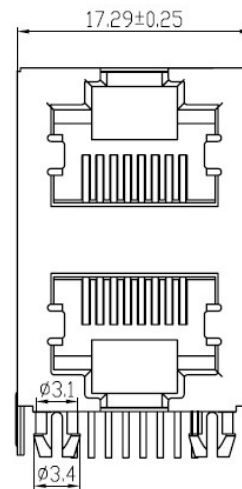




PC Board Layout



ELECTRICAL:

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

MECHANICAL:

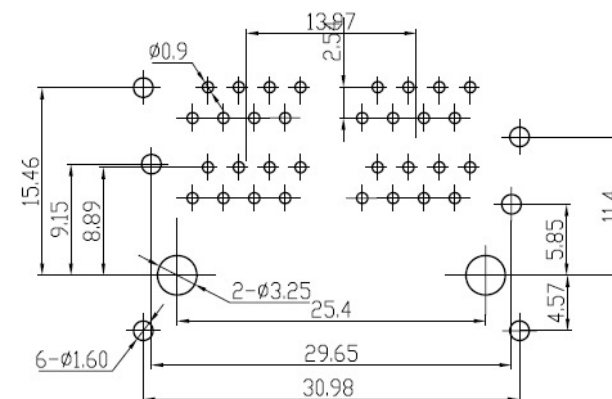
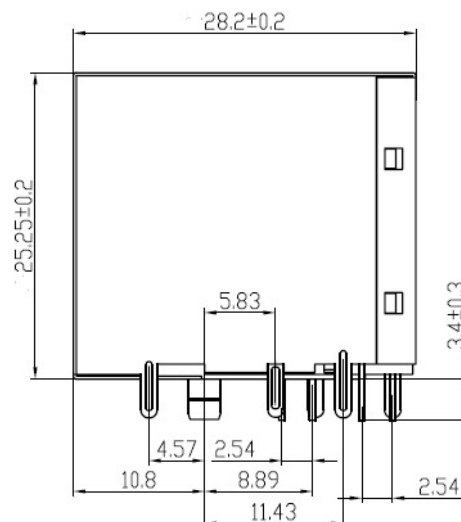
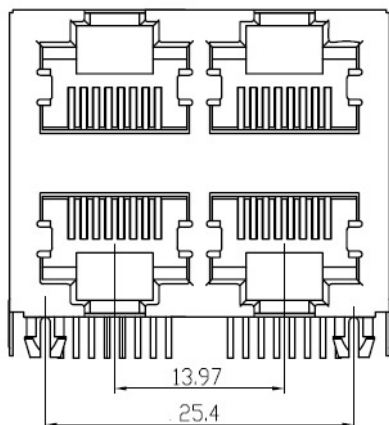
1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
4. MATING/UNMATING FORCE : 2.2KG.F MAX.
5. RETENTION STRENGTH : 7.7KG.F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE : 600 CYCLES MIN.

ENVIRONMENTAL:

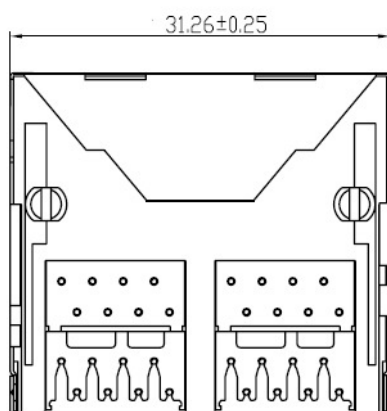
1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.

Part code: JP-21-S

Description: Dual 2x1 RJ45 Jack with Shield



PC Board Layout



ENVIRONMENTAL:

1. STORAGE : -10°C TO +40°C RELATIVE HUMIDITY<80%.
2. OPERATION : -40°C TO +85°C.

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

Part Code: JP-22-S

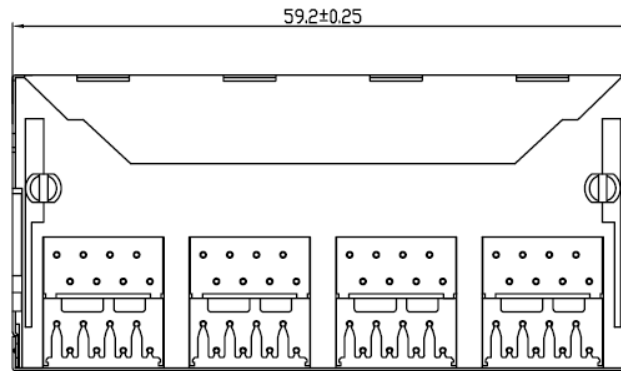
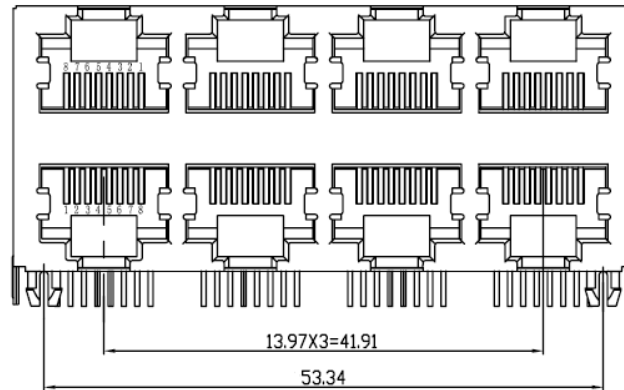
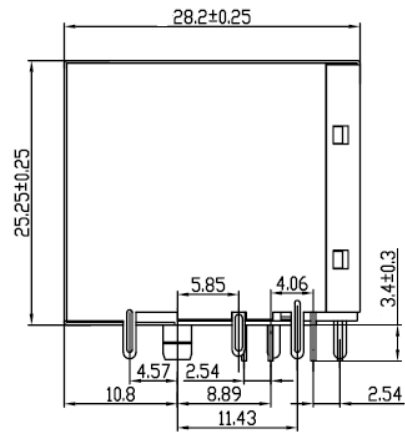
Description: Dual/stacked 2x2 RJ45 Modular jack
Plating options Gold Flash, 1.5,3,6,15,30 and 50u"

ELECTRICAL:

- | | |
|--------------------------|---|
| 1. VOLTAGE RATING | : 125 VAC RMS. |
| 2. CURRENT RATING | : 1.5 AMP. |
| 3. CONTACT RESISTANCE | : 50 MILLIOHMS MAX. |
| 4. INSULATION RESISTANCE | : 1000 MEGOHMS MIN @ 500 VDC |
| 5. DIELECTRIC STRENGTH | : 1000 V AC OR 1500V DC RMS
@ 0.5mA 50 Hz / 60 Hz 1 Minute |

MECHANICAL:

- | | |
|-----------------------------|---|
| 1. HOUSING&INSERT& MATERIAL | : UL94V-0, COLOR BLACK |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE T=0.35mm. |
| 3. PLATING | : 1: CONTACT AREA- SELECTIVE GOLD PLATING.
2: TAILS PLATING TIN OVER NICKEL. |
| 4. SHIELD | : BRASS T=0.2mm PLATED NICKEL FOR ALL. |
| 5. OPERATING LIFE | : 750 CYCLES MIN. |
| 6. MATING/UNMATING FORCE: | : 22N / 2.27kg Max. |
| 7. RETENTION STRENGTH: | : 57.83N Min. |



ELECTRICAL:

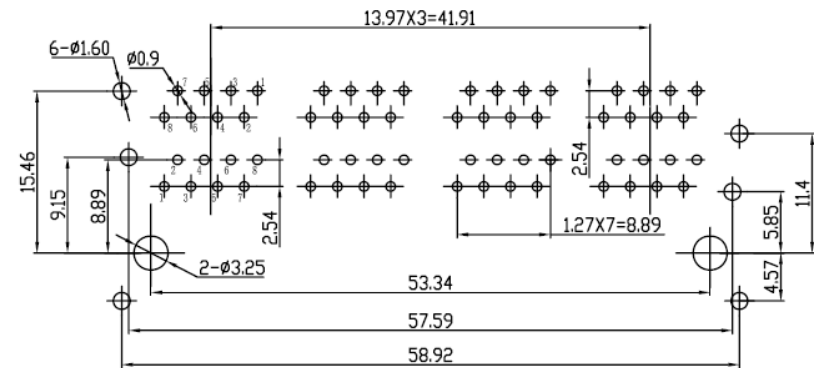
1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 500 MEGOHMS MIN @ 500 VDC.
5. DIELECTRIC STRENGTH : 1000 VAC RMS 50Hz or 60Hz, 1MIN.

MECHANICAL:

1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
4. MATING/UNMATING FORCE : 2.2KG.F MAX.
5. RETENTION STRENGTH : 7.7KG.F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE : 600 CYCLES MIN.

ENVIRONMENTAL:

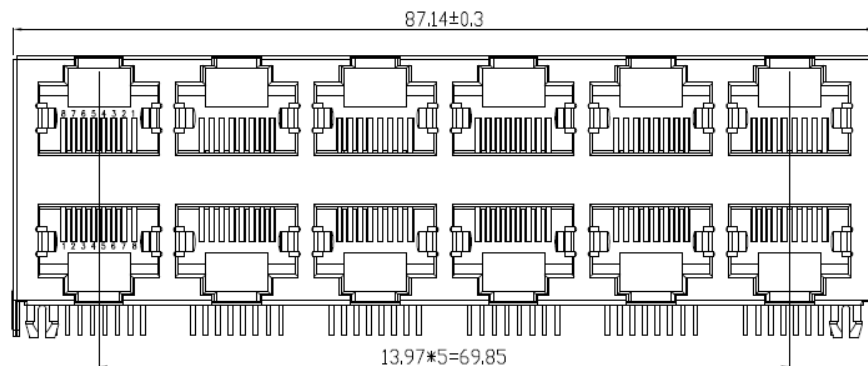
1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.



PC Board Layout

Part code: JP-24-S

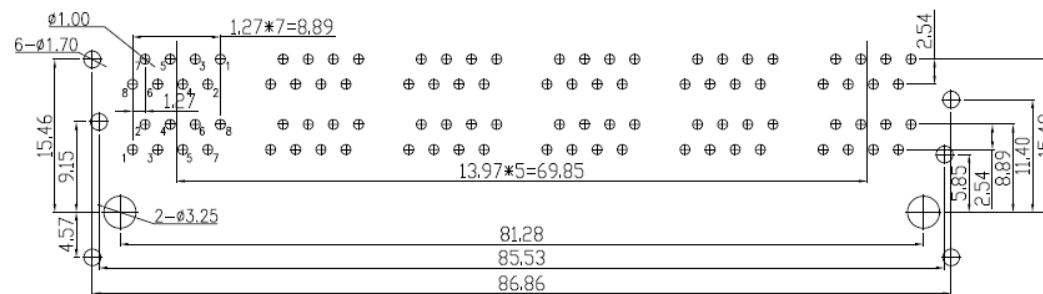
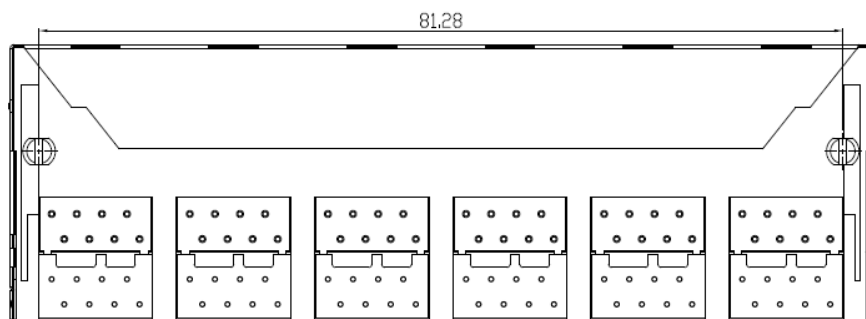
Description: RJ45 2x4 Dual/stacked jack with shield 28mm



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

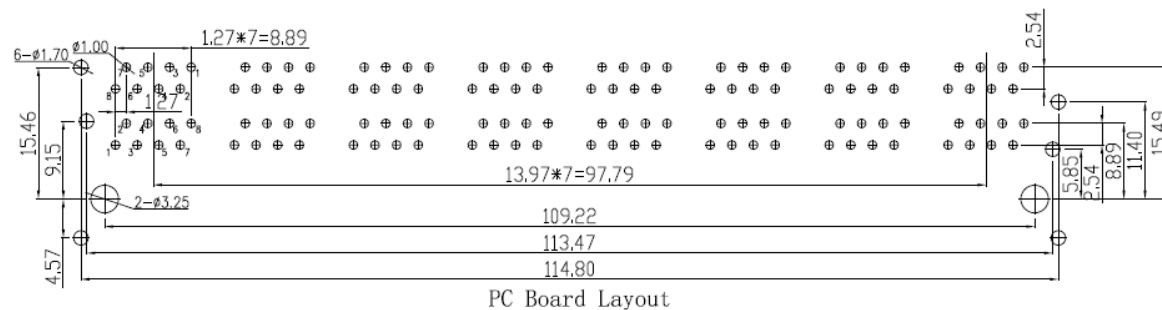
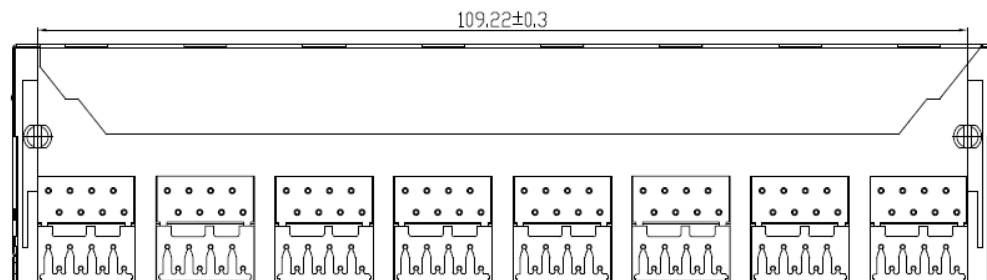
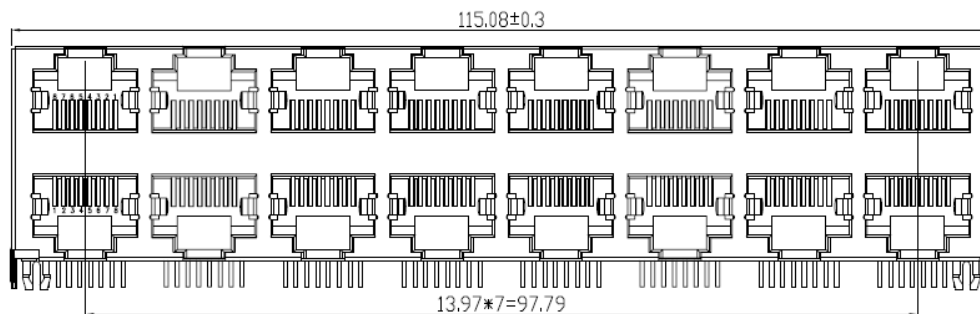
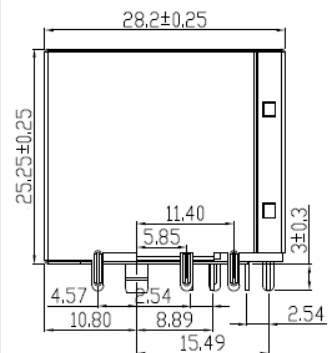
1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
4. MATING/UNMATING FORCE : 2.2KG.F MAX.
5. RETENTION STRENGTH : 7.7KG.F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE : 600 CYCLES MIN.

1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.



PC Board Layout

Description: RJ45 2x6 Dual/stacked jack with shield 28mm



ELECTRICAL:

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

MECHANICAL:

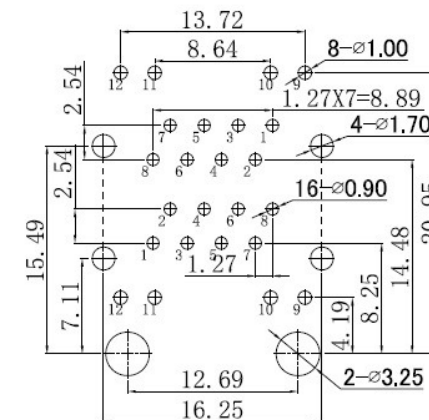
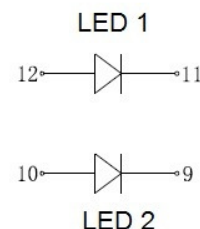
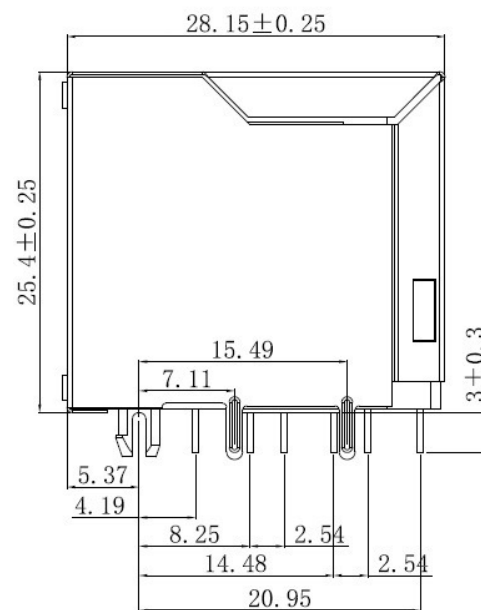
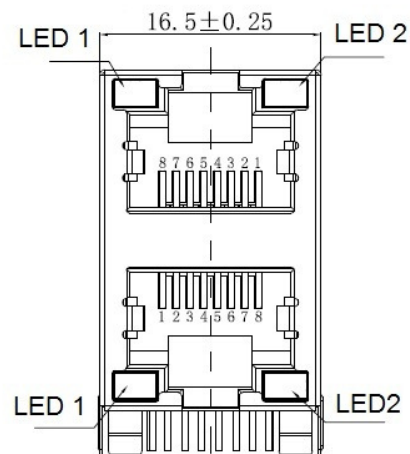
1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
4. MATING/UNMATING FORCE : 2.2KG. F MAX.
5. RETENTION STRENGTH : 7.7KG. F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE : 600 CYCLES MIN.

ENVIRONMENTAL:

1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.

Part code: JP-28-S

Description: RJ45 2x8 Dual/stacked jack with shield 28mm



PCB LAYOUT COMPONENT SIDE
THICKNESS=1.6MM

Part Code: JP-21-LED-XX-S

Description: RJ45 2x1 Dual/stacked jack with LED and shield 28mm

Replace First X with LED 1 colour

Replace Second X with LED 2 colour

Green=G, Yellow=Y, Red=R

Description: Dual 2x1 RJ45 Jack with LED's & Shield

ELECTRICAL:

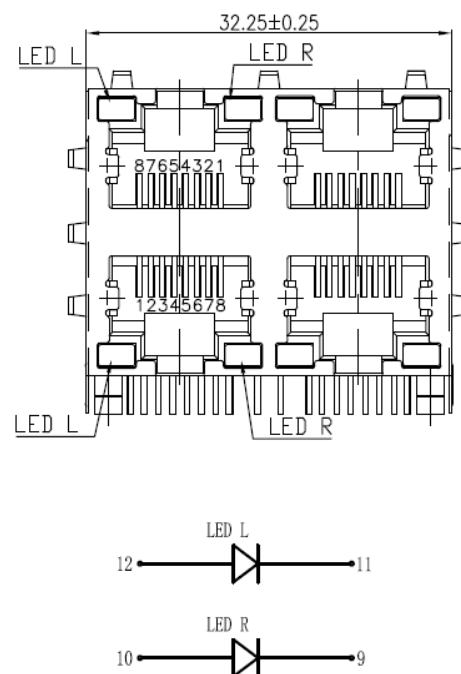
1. VOLTAGE RATING: 125 VAC RMS.
2. CURRENT RATING: 1.5 AMP.
3. CONTACT RESISTANCE: 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE: 500 MEGOHMS MIN @ 500 VDC.
5. DIELECTRIC STRENGTH: 1000 VAC RMS 50Hz or 60Hz, 1MIN.

MECHANICAL:

1. INSERT MATERIAL: UL94V-0.
2. CONTACT MATERIAL: DIAMETER 0.46MM 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: 7.7KG. F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE: 750 CYCLES MIN.

ENVIRONMENTAL:

1. STORAGE: -40°C ~ +85°C RELATIVE HUMIDITY<70%.
2. OPERATION: -40°C ~ +85°C.

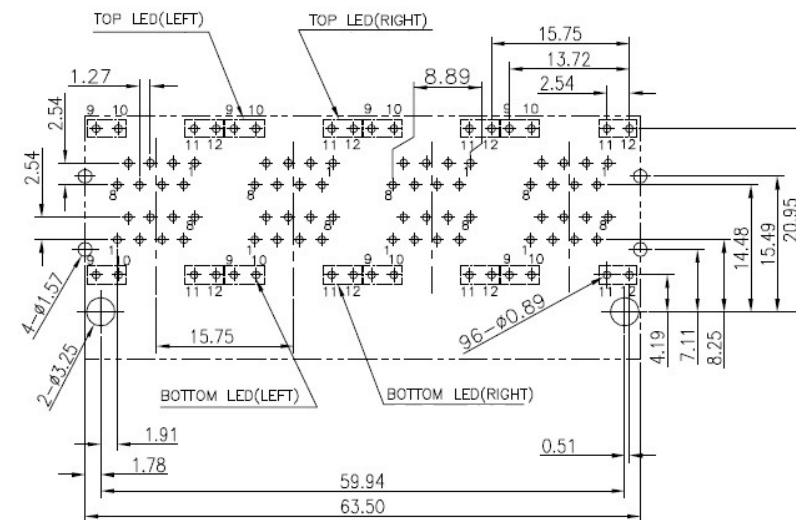
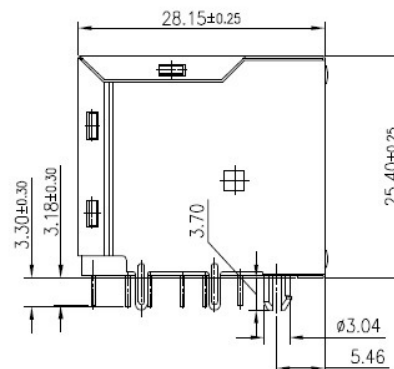
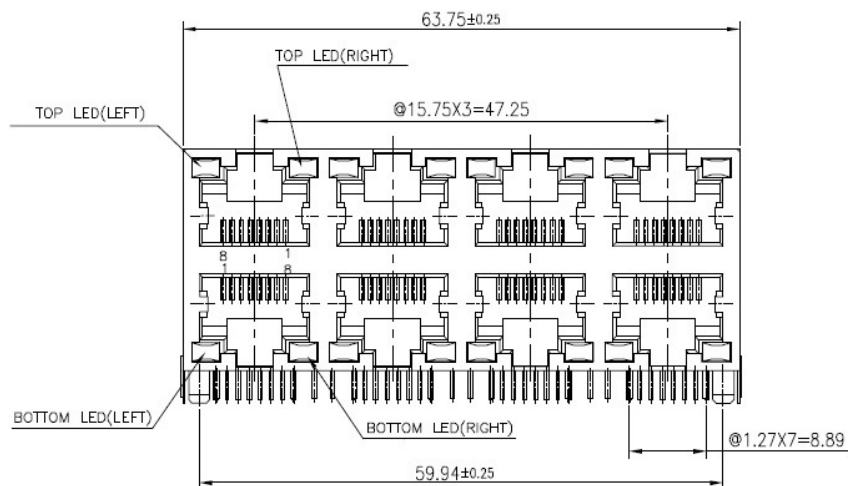


Green=G, Yellow=Y, Red=R

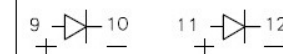
1. VOLTAGE RATING: 125 VAC RMS.
2. CURRENT RATING: 1.5 AMP.
3. CONTACT RESISTANCE: 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE: 500 MEGOHMS MIN @ 500 VDC.
5. DIELECTRIC STRENGTH: 1000 VAC RMS 50Hz or 60Hz, 1MIN.

1. INSERT MATERIAL: UL94V-0.
2. CONTACT MATERIAL: DIAMETER 0.46MM 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: 7.7KG. F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE: 750 CYCLES MIN.

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



PCB LAYOUT COMPONENT SIDE
TOLERANCE ± 0.05 , THICKNESS=1.6MM



Part code: JP-24-LED-XX-S

Description: RJ45 2x4 Dual/stacked jack with LED 28mm

Replace First X with Left LED colour

Replace Second X with Right LED colour

Green = G, Yellow = Y, Red = R

ENVIRONMENTAL:

1. STORAGE : -10°C TO $+40^{\circ}\text{C}$ RELATIVE HUMIDITY<80%.
 2. OPERATION : -40°C TO $+85^{\circ}\text{C}$.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

ELECTRICAL:

- | | |
|--------------------------|---|
| 1. VOLTAGE RATING | : 125 VAC RMS. |
| 2. CURRENT RATING | : 1.5 AMP. |
| 3. CONTACT RESISTANCE | : 50 MILLIOHMS MAX. |
| 4. INSULATION RESISTANCE | : 1000 MEGOHMS MIN @ 500 VDC |
| 5. DIELECTRIC STRENGTH | : 1000 V AC OR 1500V DC RMS
@ 0.5mA 50 Hz / 60 Hz 1 Minute |

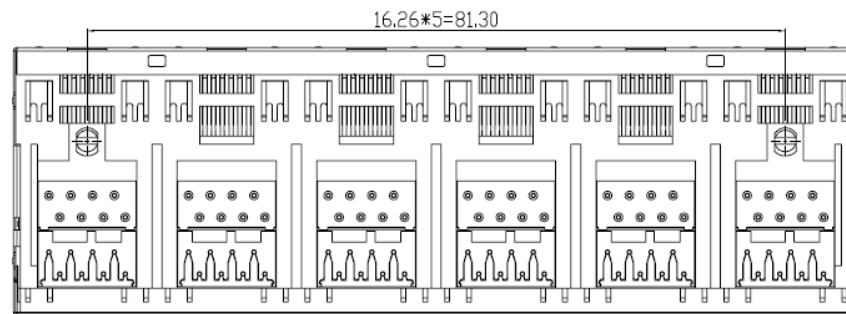
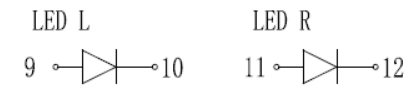
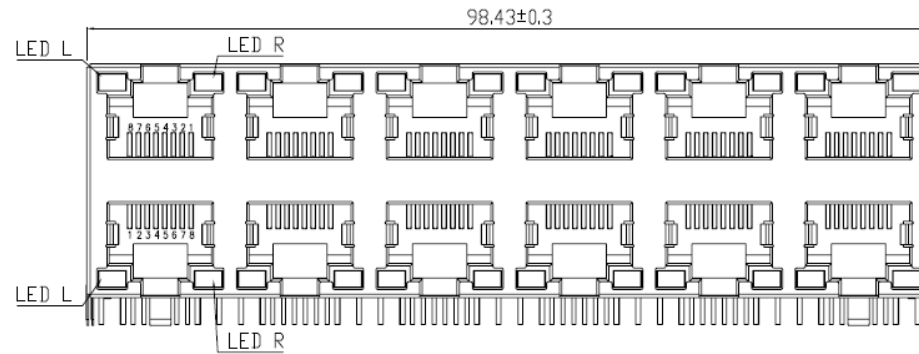
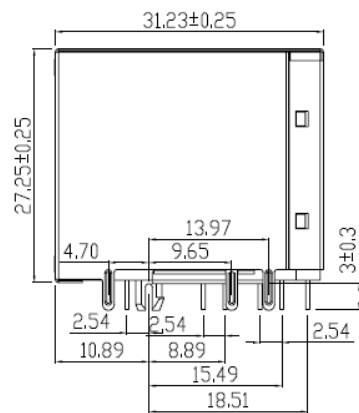
MECHANICAL:

- | | |
|-----------------------------|---|
| 1. HOUSING&INSERT& MATERIAL | : UL94V-0. COLOR BLACK |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE T=0.35mm. |
| 3. PLATING | 1: CONTACT AREA- SELECTIVE GOLD PLATING.
2: TAILS PLATING TIN OVER NICKEL. |
| 4. SHIELD | : BRASS T=0.2mm PLATED NICKEL FOR ALL. |
| 5. OPERATING LIFE | : 750 CYCLES MIN. |
| 6. MATING/UNMATING FORCE: | : 22N / 2.27kg Max. |
| 7. RETENTION STRENGTH: | : 57.83N Min. |

REV 00 date 07/06/2013

RoHS COMPLIANT

P PRAN ELECTRONICS PVT. LTD.
VADODARA, INDIA.



ELECTRICAL:

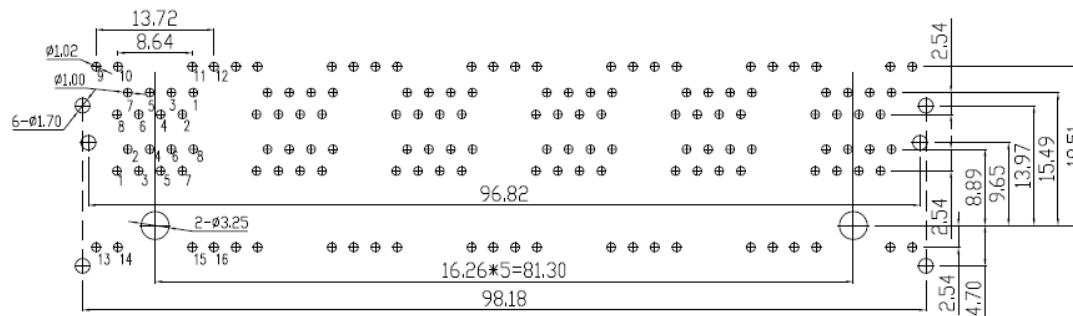
1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 500 MEGOHMS MIN @ 500 VDC.
5. DIELECTRIC STRENGTH : 1000 VAC RMS 50Hz or 60Hz, 1MIN.

MECHANICAL:

1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
4. MATING/UNMATING FORCE : 2.2KG.F MAX.
5. RETENTION STRENGTH : 7.7KG.F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE : 600 CYCLES MIN.

ENVIRONMENTAL:

1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.



PC Board Layout

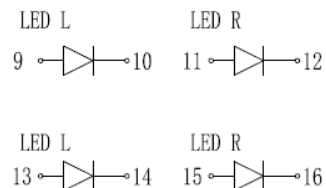
Part Code: JP-26-LED-XX-S

Description: RJ45 2x6 Dual/stacked jack with LED 32mm

Replace First X with Left LED colour

Replace Second X with Right LED colour

Green = G, Yellow = Y, Red = R



ELECTRICAL:

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

MECHANICAL:

1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
4. MATING/UNMATING FORCE : 2.2KG.F MAX.
5. RETENTION STRENGTH : 7.7KG.F MIN BETWEEN JACK AND PLUG.
6. OPERATING LIFE : 600 CYCLES MIN.

ENVIRONMENTAL:

1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.

Part code: JP-28-LED-XX-S

Description: RJ45 2x8 Dual/stacked jack with LED 32mm

Replace First X with Left LED colour

Replace Second X with Right LED colour

Green = G, Yellow = Y, Red = R

RoHS COMPLIANT