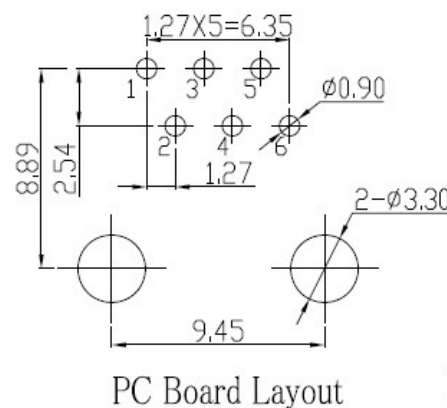
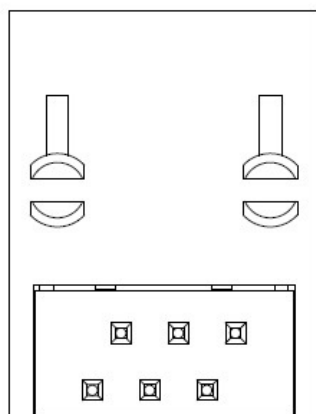
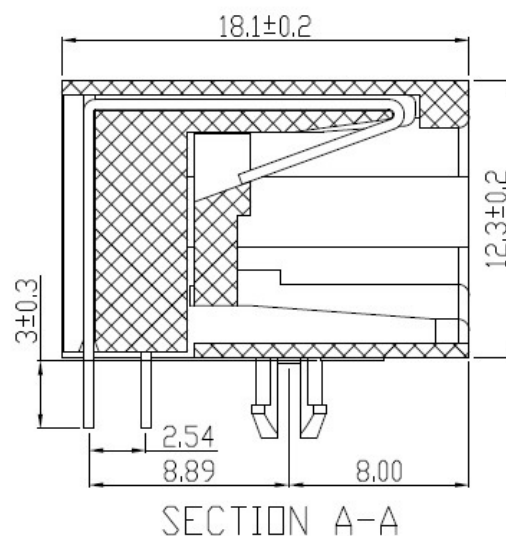
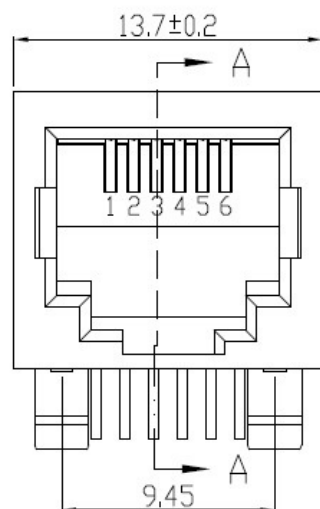
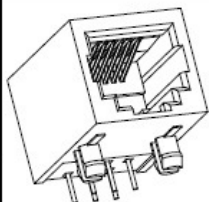


ROHS COMPLIANT



ELECTRICAL:

- | | |
|--------------------------|--|
| 1. VOLTAGE RATING | : 125 VAC RMS. |
| 2. CURRENT RATING | : 1.5 AMP. |
| 3. CONTACT RESISTANCE | : 20 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 | : PBT UL94V-0. |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE Ø0.46mm. |
| 3. PLATING | : GOLD PLATING OVER NICKEL. |
| 4. OPERATING LIFE | : 750 CYCLES MIN. |
| 5. MATING/UNMATING FORCE: | : 30N Max. |
| 6. RETENTION STRENGTH: | : 50N FOR 60S±5S. |

ENVIRONMENTAL:

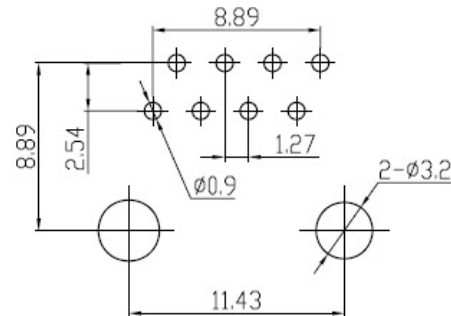
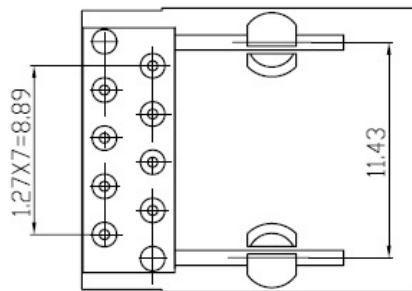
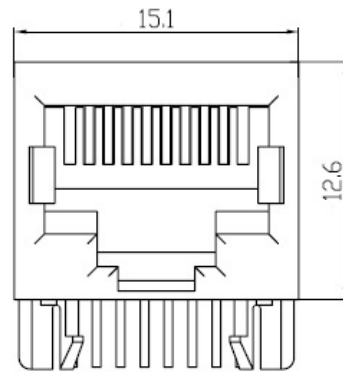
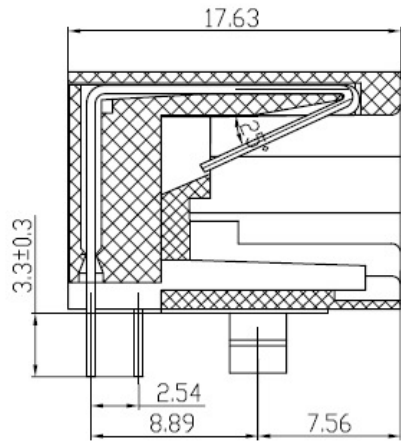
- | | |
|--------------|---|
| 1. STORAGE | : -40°C TO +85°C RELATIVE HUMIDITY<80%. |
| 2. OPERATION | : -40°C TO +85°C. |
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

Part code: JP-S2-6P2C or 6P4C or 6P6C
Side entry modular jack

Rev. 02 date 23/2/19
PCB peg dimension and hole size changed

PRAN ELECTRONICS PVT. LTD.
INDIA

DRAWING NOT TO SCALE



PC Board Layout

ELECTRICAL:

- | | |
|--------------------------|---|
| 1. VOLTAGE RATING | : 125 VAC RMS. |
| 2. CURRENT RATING | : 1.5 AMP. |
| 3. CONTACT RESISTANCE | : 20 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 | : PBT UL94V-0. |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE Ø0.46mm. |
| 3. PLATING | : GOLD PLATING OVER NICKEL. |
| 4. OPERATING LIFE | : 750 CYCLES MIN. |
| 5. MATING/UNMATING FORCE: | : 30N Max. |
| 6. RETENTION STRENGTH: | : 50N FOR 60S±5S. |

ENVIRONMENTAL:

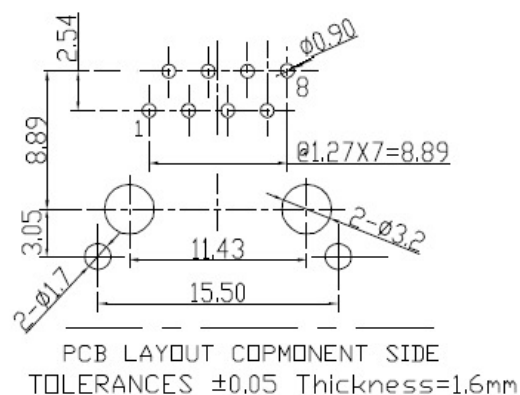
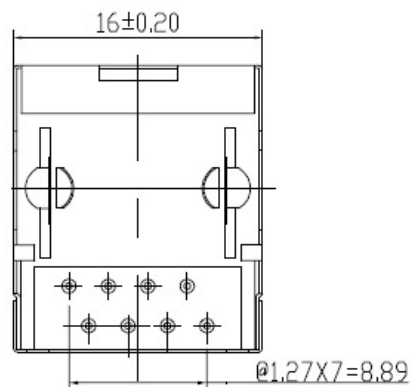
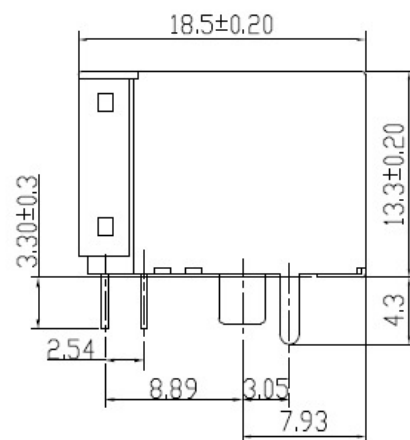
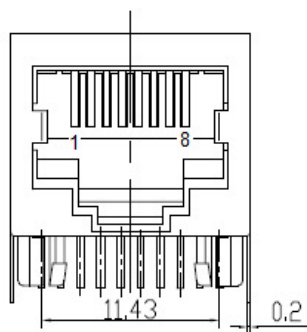
- | | |
|--------------|---|
| 1. STORAGE | : -40°C TO +85°C RELATIVE HUMIDITY<80%. |
| 2. OPERATION | : -40°C TO +85°C. |

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

Part Code: JP - S2 - 8P8C

Description: RJ45 8P8C modular jack

PRAN ELECTRONICS PVT. LTD.
INDIA
Rev. 02 date 10/04/2019
DRAWING NOT TO SCALE



ELECTRICAL:

1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 20 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 : PBT UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE Ø0.46mm.
3. PLATING : GOLD PLATING OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. MATING/UNMATING FORCE: : 30N Max.
6. RETENTION STRENGTH: : 50N FOR 60S±5S.

ENVIRONMENTAL:

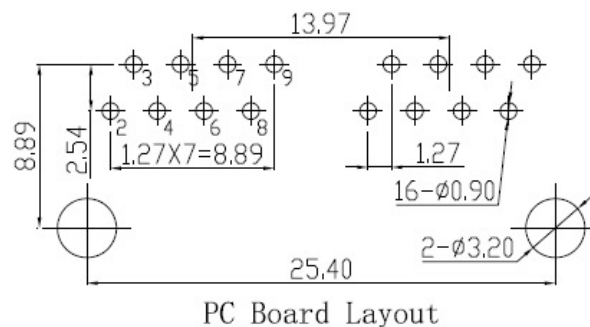
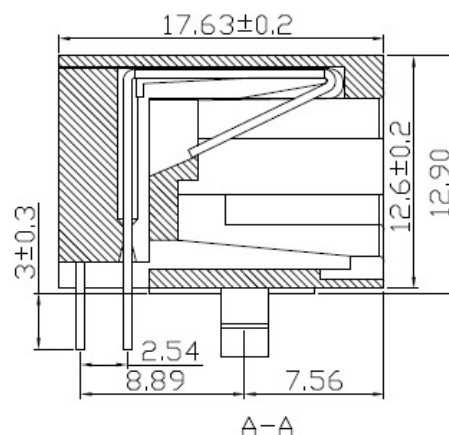
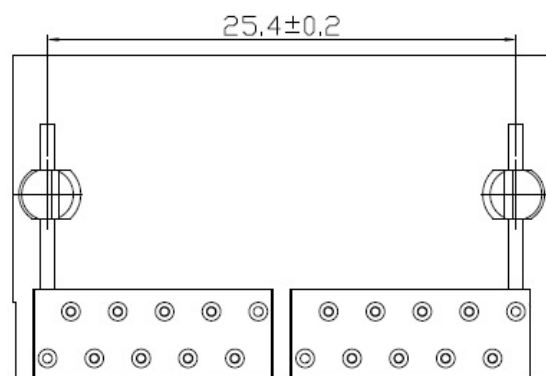
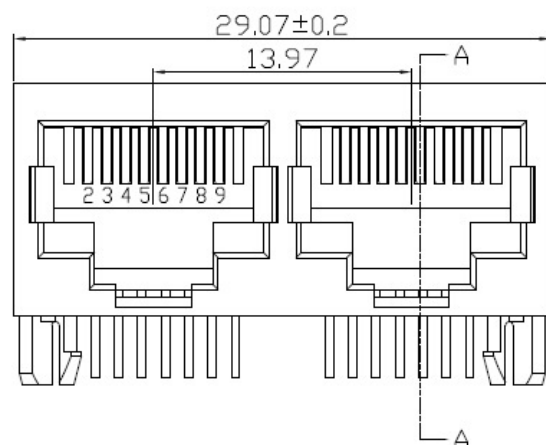
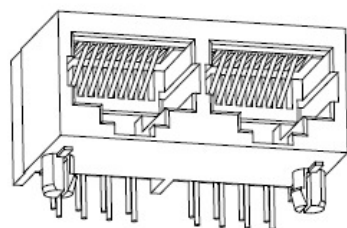
1. STORAGE : -40°C TO +85°C RELATIVE HUMIDITY<80%.
2. OPERATION : -40°C TO +85°C.

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

Part Code: JP - S2 - 8P8C S

Description: RJ45 8P8C modular jack with shield

PRAN ELECTRONICS PVT. LTD.
INDIA
Rev. 01 date 27/1/2014
DRAWING NOT TO SCALE



ELECTRICAL:

- | | |
|--------------------------|--|
| 1. VOLTAGE RATING | : 125 VAC RMS. |
| 2. CURRENT RATING | : 1.5 AMP. |
| 3. CONTACT RESISTANCE | : 20 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 | : PBT UL94V-0. |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE Ø0.46mm. |
| 3. PLATING | : GOLD PLATING OVER NICKEL. |
| 4. OPERATING LIFE | : 750 CYCLES MIN. |
| 5. MATING/UNMATING FORCE: | : 30N Max. |
| 6. RETENTION STRENGTH: | : 50N FOR 60S±5S. |

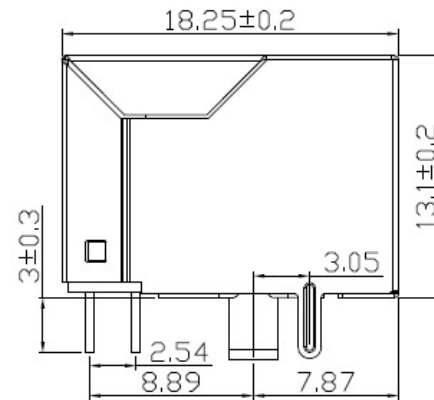
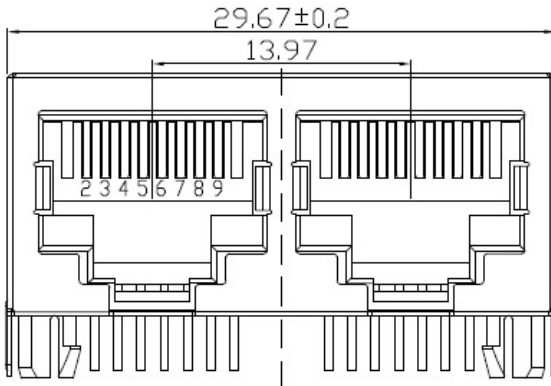
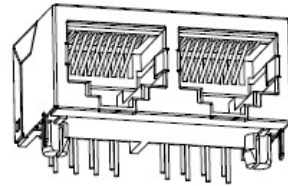
ENVIRONMENTAL:

- | | |
|--------------|---|
| 1. STORAGE | : -40°C TO +85°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-S2-8P8C-2P

Description: RJ45 8P8C 2Port Short body modular jack

PRAN ELECTRONICS PVT. LTD.
INDIA
Rev. 00 date 06/04/2019
DRAWING NOT TO SCALE



ELECTRICAL:

- | | |
|--------------------------|---|
| 1. VOLTAGE RATING | : 125 VAC RMS. |
| 2. CURRENT RATING | : 1.5 AMP. |
| 3. CONTACT RESISTANCE | : 20 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:

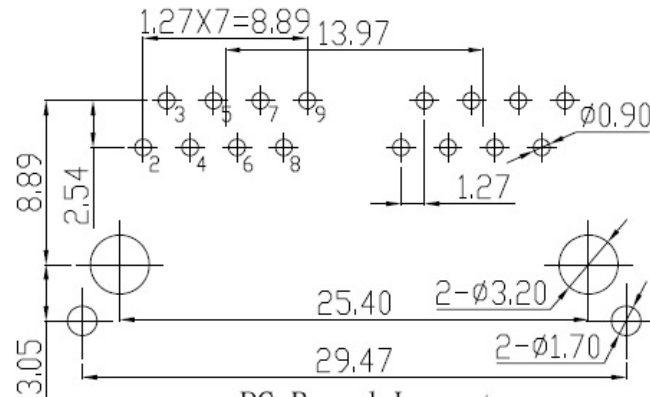
- | | |
|-----------------------------|--|
| 1. HOUSING&INSERT& MATERIAL | : PBT UL94V-0. |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE $\phi 0.46\text{mm}$. |
| 3. PLATING | : GOLD PLATING OVER NICKEL. |
| 4. OPERATING LIFE | : 750 CYCLES MIN. |
| 5. MATING/UNMATING FORCE: | : 30N Max. |
| 6. RETENTION STRENGTH: | : 50N FOR 60S±5S. |

ENVIRONMENTAL:

- | | |
|--------------|---|
| 1. STORAGE | : -40°C TO +85°C RELATIVE HUMIDITY<80%. |
| 2. OPERATION | : -40°C TO +85°C. |
- MATES WITH MODULAR PLUG CONFORMING TO
FCC PART 68, SUBPART F.

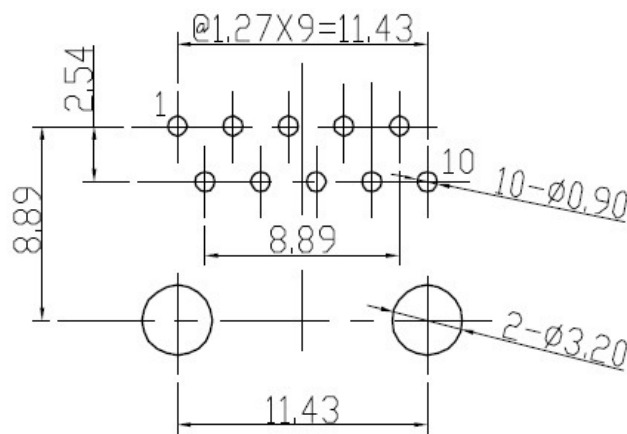
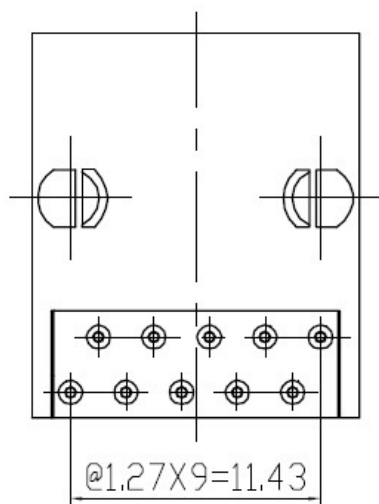
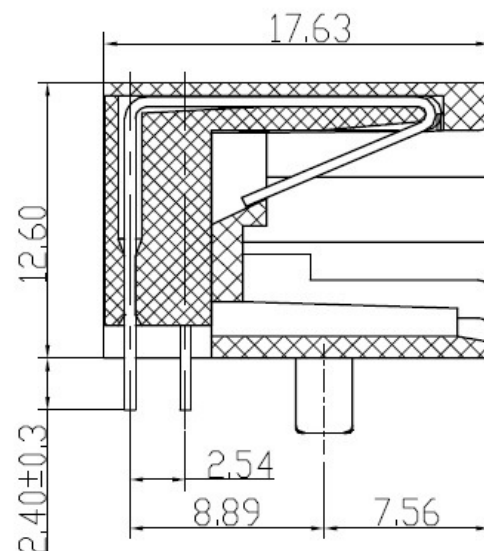
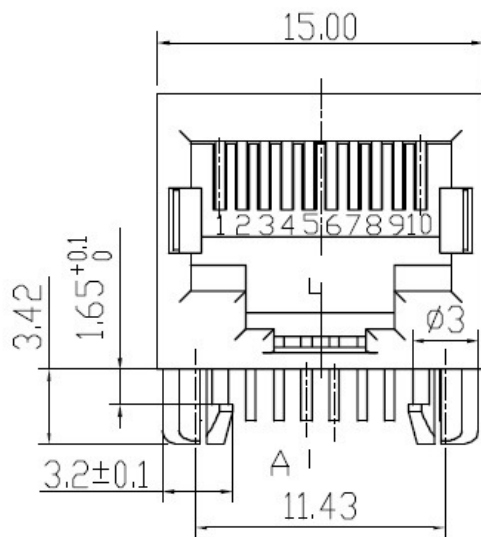
Part Code: JP-S2-8P8C-2PS

Description: RJ45 8P8C 2Port modular jack with shield
Short body



PC Board Layout

PRAN ELECTRONICS PVT. LTD.
INDIA
Rev. 00 date 06/04/2019
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PC BOARD LAYOUT
THICKNESS=1.60MM

ELECTRICAL:

1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 20 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 : PBT UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE Ø0.46mm.
3. PLATING : GOLD PLATING OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. MATING/UNMATING FORCE: : 30N Max.
6. RETENTION STRENGTH: : 50N FOR 60S±5S.

ENVIRONMENTAL:

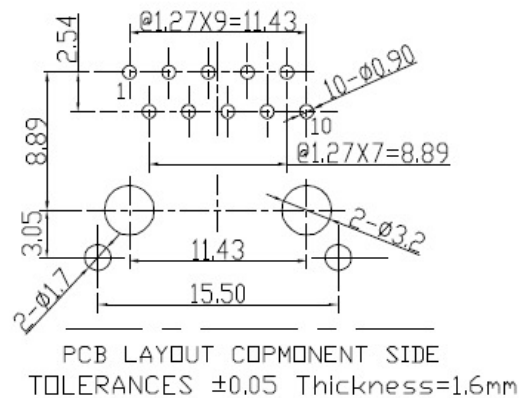
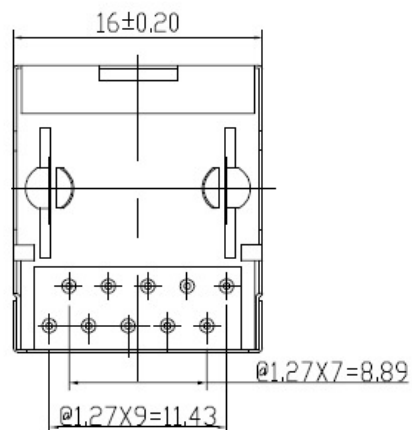
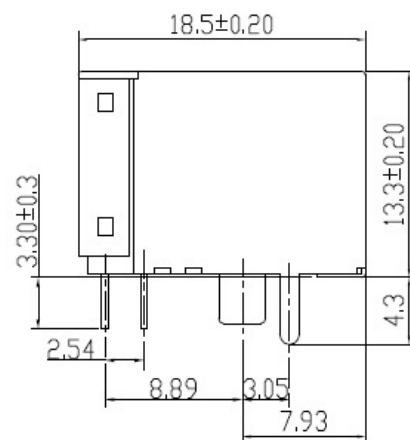
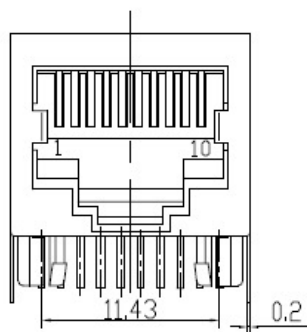
1. STORAGE : -40°C TO +85°C RELATIVE HUMIDITY<80%.
2. OPERATION : -40°C TO +85°C.

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

Part Code: JP - S2 - 10P10C

Description: RJ48 10P10C modular jack

PRAN ELECTRONICS PVT. LTD.
INDIA
Rev. 01 date 27/1/2014
DRAWING NOT TO SCALE



ELECTRICAL:

1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 20 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 : PBT UL94V-0.
2. CONTACT MATERIAL : PHOSPHOR BRONZE $\phi 0.46\text{mm}$.
3. PLATING : GOLD PLATING OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. MATING/UNMATING FORCE: : 30N Max.
6. RETENTION STRENGTH: : 50N FOR 60S±5S.

ENVIRONMENTAL:

1. STORAGE : -40°C TO +85°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- S2 - 10P10C S

Description: RJ48 10P10C modular jack with shield

PRAN ELECTRONICS PVT. LTD.
INDIA
Rev. 01 date 27/1/2014
DRAWING NOT TO SCALE