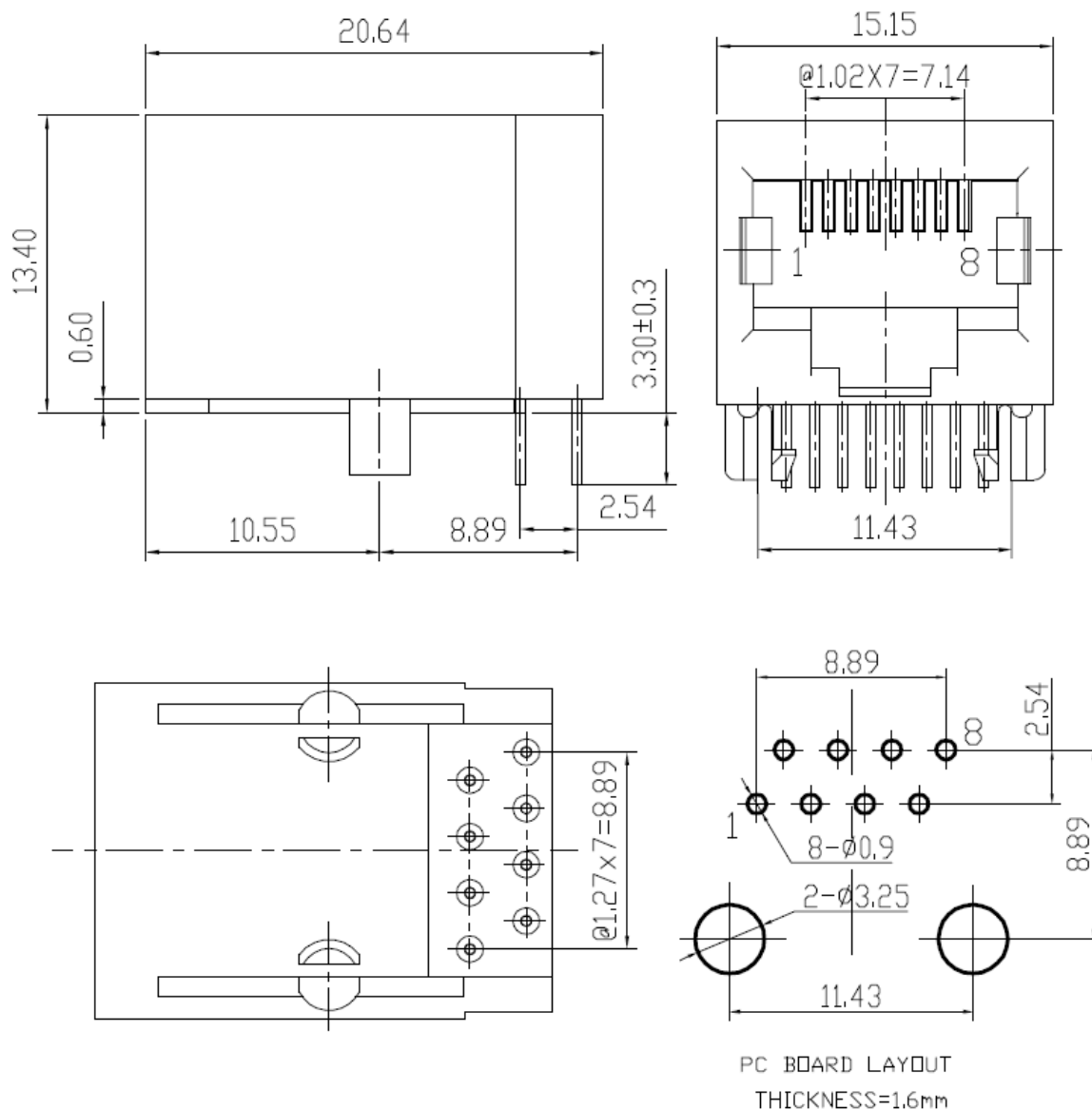




ELECTRICAL:

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 $\pm$ 5S.

ENVIRONMENTAL:

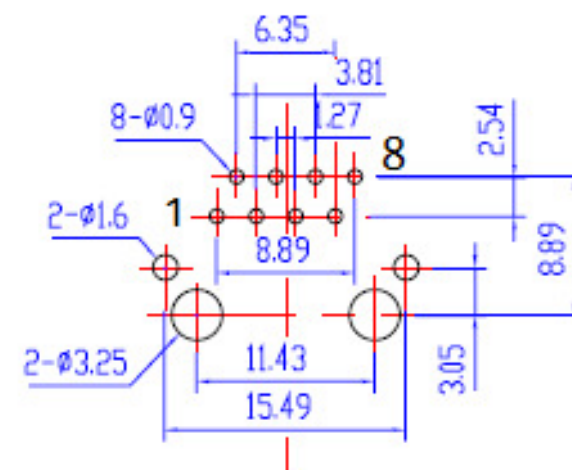
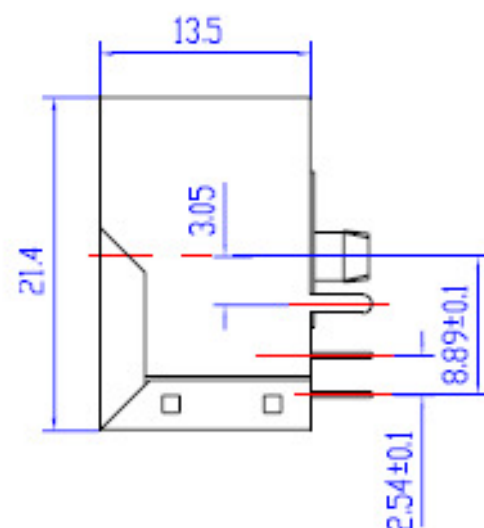
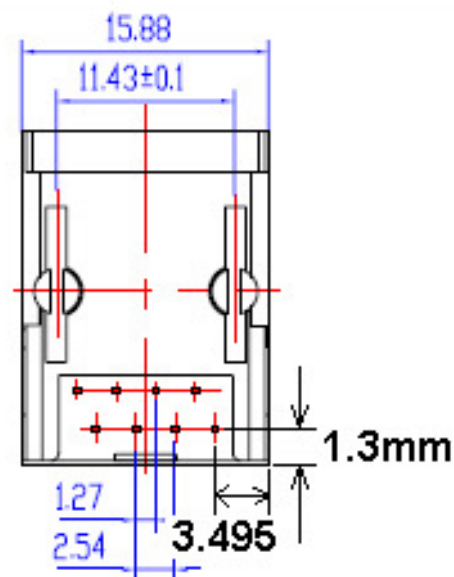
1. STORAGE : -40°C TO +85°C RELATIVE HUMIDITY<80%.
2. OPERATION : -40°C TO +85°C.

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

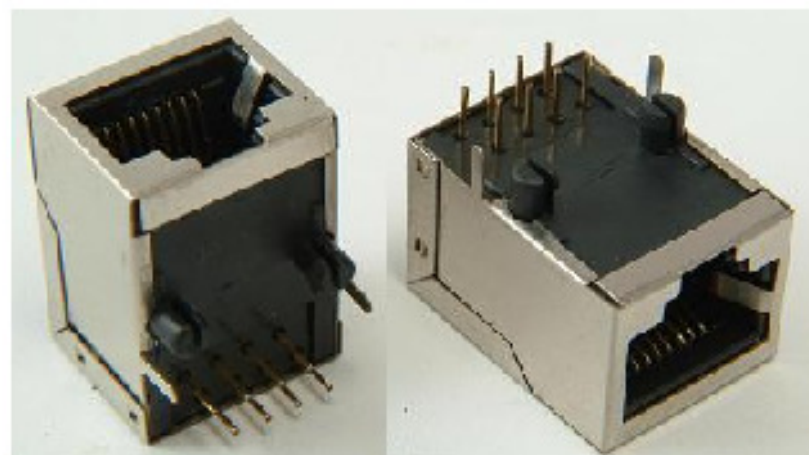
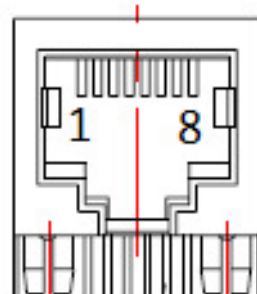
Part Code: JP - S1 - 8P8C

Description: Side Entry RJ45 8P8C modular jack

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INDIA
Rev. 01 date 27/1/2014
DRAWING NOT TO SCALE



PCB Mounting Layout



SPECIFICATIONS

ELECTRICAL:

Contact Resistance:

40 milli Ohms max.

Insulation Resistance:

1000 MOhms min. 500 VDC

Proof Voltage:

1000 V AC for 1 minute

MECHANICAL:

Housing:

PBT Glass filled UL94V0 Black Colour

Contact Material:

Phosphor Bronze 0.46 dia.

Contact Plating:

Gold Plating 03, 06, 15, 30 or 50U"

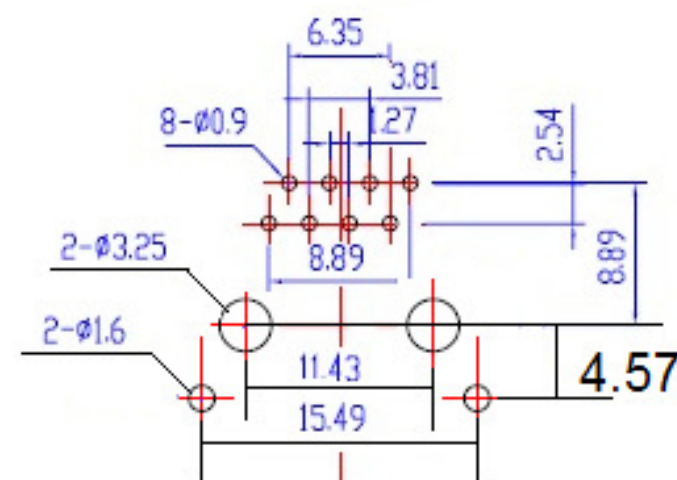
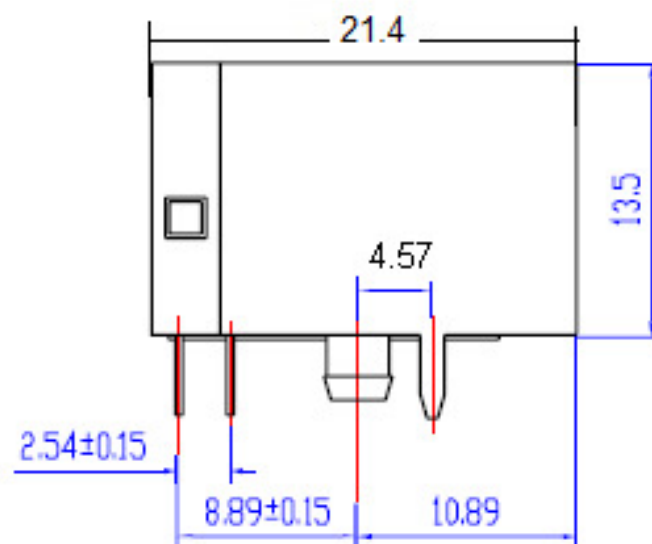
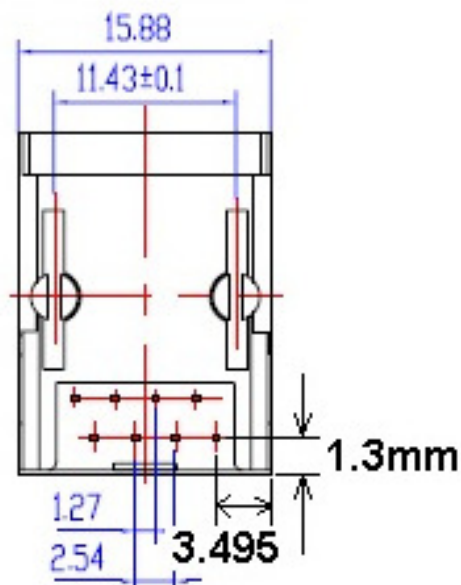
Operating Life:

600 mating cycles min.

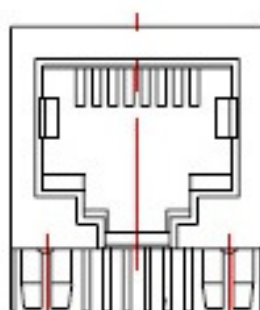
Part No: JP-S1-8P8C-S

RoHS Compliant

Part Name:	Material:	Revision No: 00	Sheet 1 of 1
1. Housing	PBT UL94V0	Design by: PRM	Date: 04/5/04
2. Contact Pins	Ph8z Gold Plated	Checked by: APM	Date: 04/5/04
Main Product: RJ45 Side Entry PCB Mounting		Approved by: APM	Date: 04/5/04
Tolerance: ± 0.2 mm	Scale: Not to scale	Drawing No: JP-S1-8P8C-S	
Dimensions: mm	3rd Angle Projection		
		 PRAN ELECTRONICS PVT. LTD. 52 GIDC MAKARPURA VADODARA 390 010	



PCB Mounting Layout



SPECIFICATIONS

ELECTRICAL:

Contact Resistance:

40 milli Ohms max.

Insulation Resistance:

1000 MOhms min. 500 VDC

Proof Voltage:

1000 V AC for 1 minute

MECHANICAL:

Housing:

PBT Glass filled UL94V0 Black Colour

Contact Material:

Phosphor Bronze 0.46 dia.

Contact Plating:

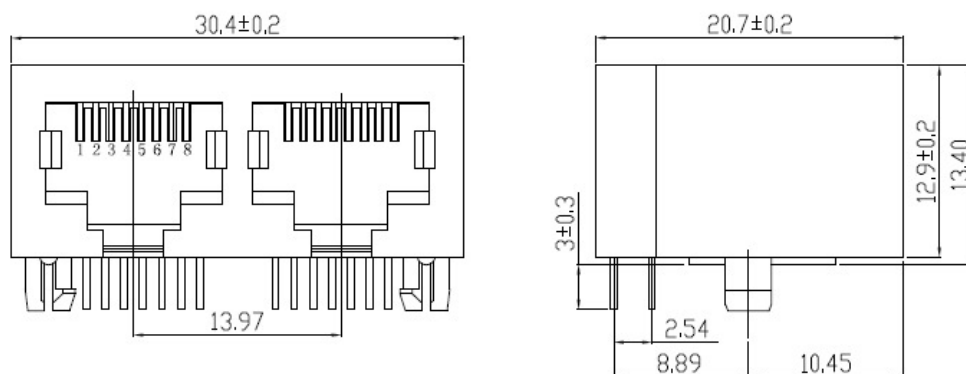
Gold Plating 03, 06, 15, 30 or 50U"

Operating Life:

600 mating cycles min.

Part No: JP-S1-8P8C-SA

Part Name:	Material:	Revision No: 00	Sheet 1 of 1
1. Housing	PBT UL94V0	Design by: PRM	Date: 04/5/04
2. Contact Pins	PhBz Gold Plated	Checked by: APM	Date: 04/5/04
Main Product: RJ45 Side Entry PCB Mounting		Approved by: APM	Date: 04/5/04
Tolerance: ± 0.2 mm	Scale: Not to scale	Drawing No: JP-S1-8P8C -SA	
Dimensions: mm	3rd Angle Projection	 PRAN ELECTRONICS PVT. LTD. 52 GIDC MAKARPURA VADODARA 390 010	



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. MATING/UNMATING FORCE : 2.2KG. F MAX.
4. RETENTION STRENGTH : 7.7KG. F MIN BETWEEN JACK AND PLUG.
5. OPERATING LIFE : 750 CYCLES MIN.

ENVIRONMENTAL:

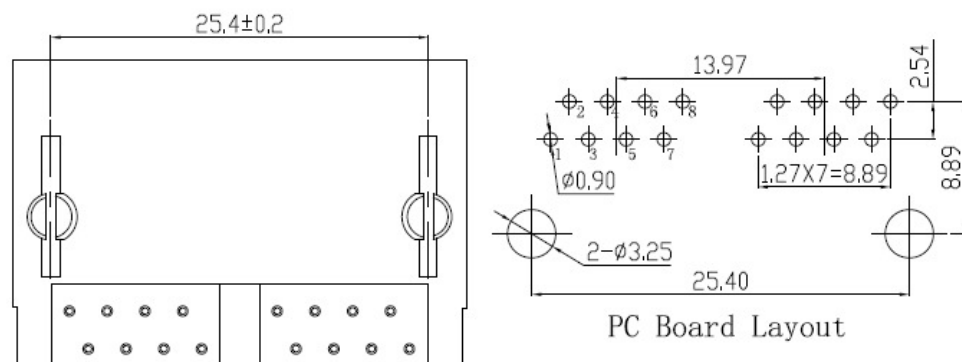
1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
2. OPERATION : -40°C ~ +85°C.

Part Code: JP-S1-8P8C-2P

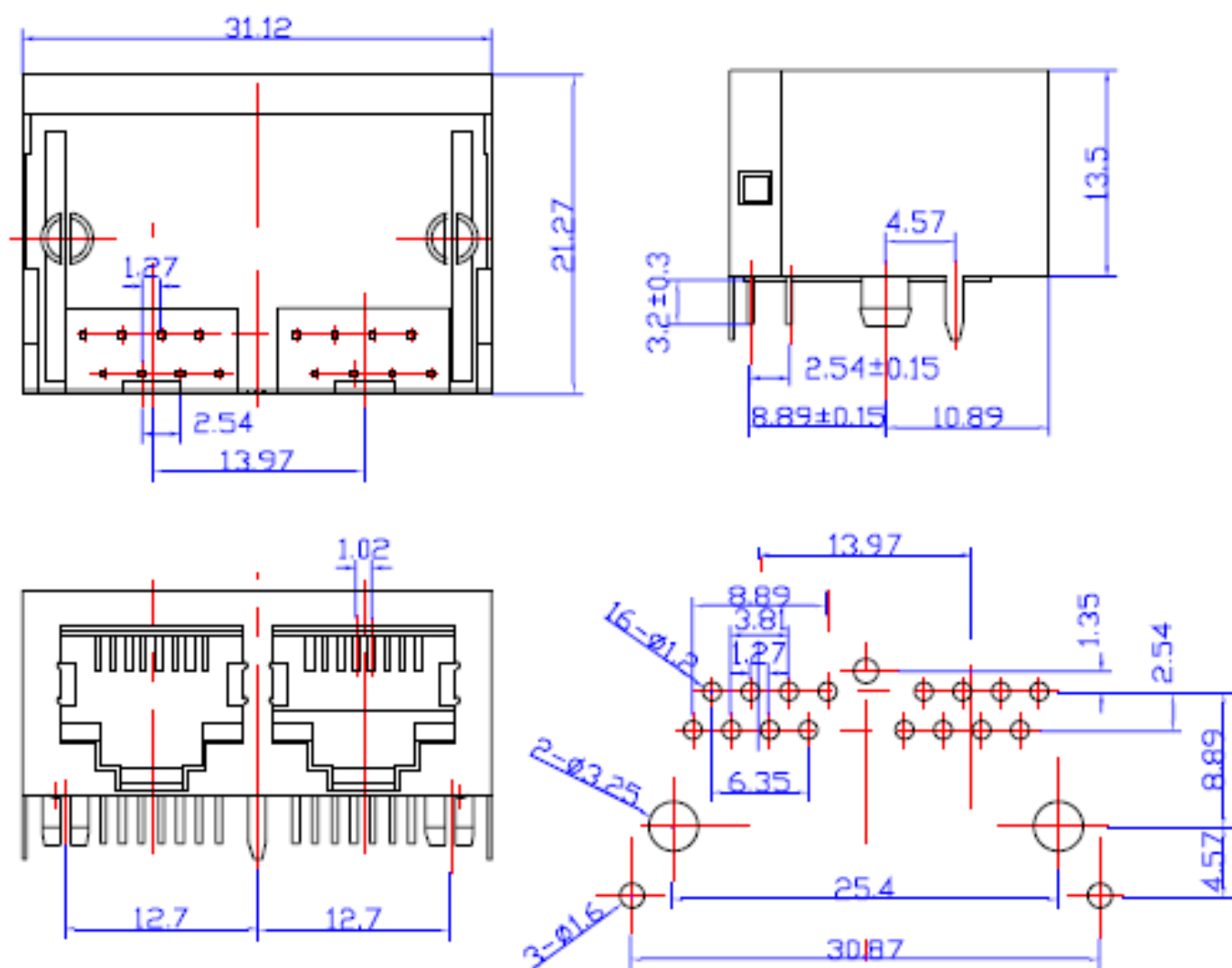
Description: RJ45 8P8C 2 port

Standard gold plating = Fu"

Optional higher gold plating available 1.5,3,6,15,30 and 50u"



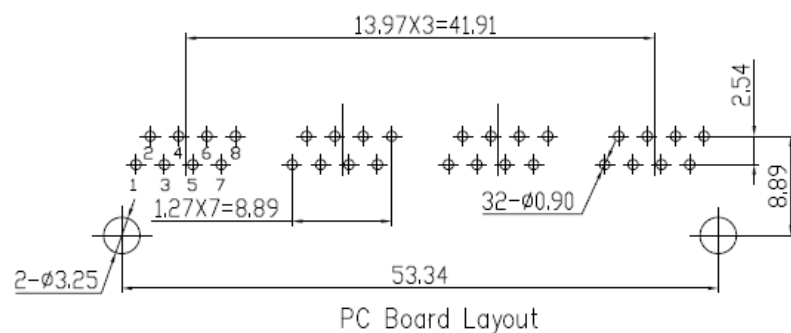
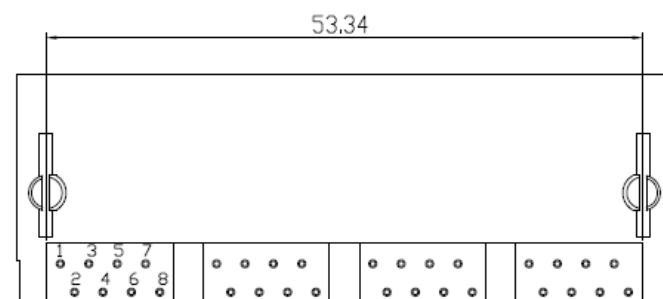
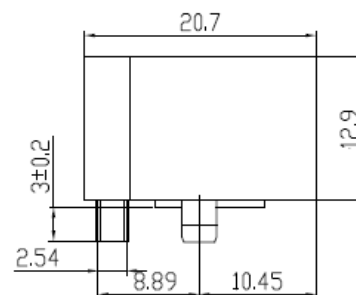
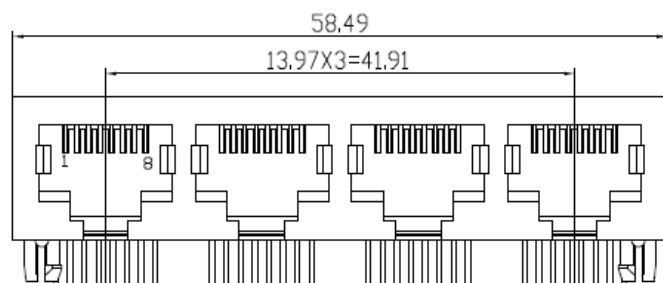
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INDIA
 Rev. 00 date 11/07/2016
DRAWING NOT TO SCALE



Part No: JP-S1-8P8C-2PS-XX - replace with 03,06,15,30,50
gold plating thickness

Description: 2 Port RJ45 Modular Jack with Shield

Part Name:	Material:	Revision No: 00	Sheet 1 of 1
1. Housing	PBT UL94V0	Design by: PRM	Date: 04/5/04
2. Contact Pins	PhBz Gold Plated	Checked by: APM	Date: 04/5/04
Main Product: RJ45 Side Entry PCB Mounting 2 Port		Approved by: APM	Date: 04/5/04
Tolerance: ± 0.2 mm	Scale: Not to scale	Drawing No: JP-S1-8P8C-2PS-XX	
Dimensions: mm	3rd Angle Projection	 PRAN ELECTRONICS PVT. LTD. 52 GIDC MAKARPURA VADODARA 390 010	



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. MATING/UNMATING FORCE : 2.2KG. F MAX.
4. RETENTION STRENGTH : 7.7KG. F MIN BETWEEN JACK AND PLUG.
5. OPERATING LIFE : 750 CYCLES MIN.

ENVIRONMENTAL:

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

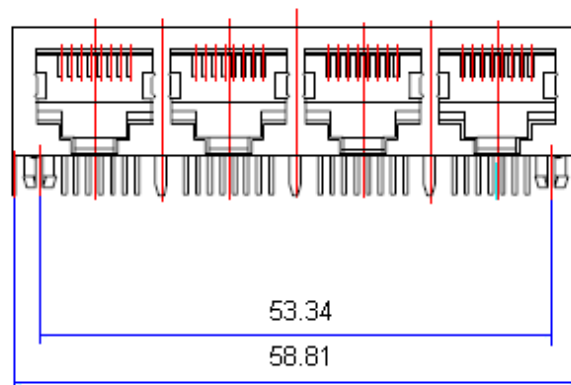
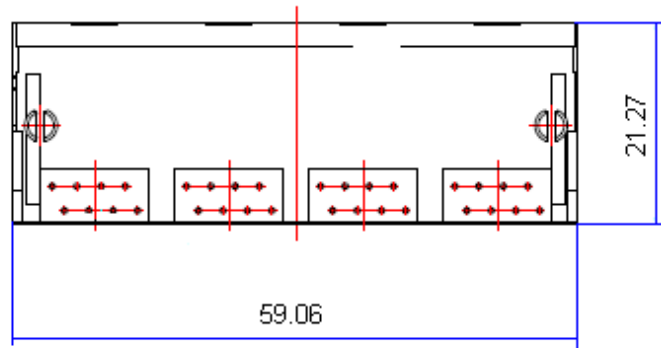
Part Code: JP-S1-8P8C-4P

Description: RJ45 8P8C 4 port

Standard gold plating = Fu"

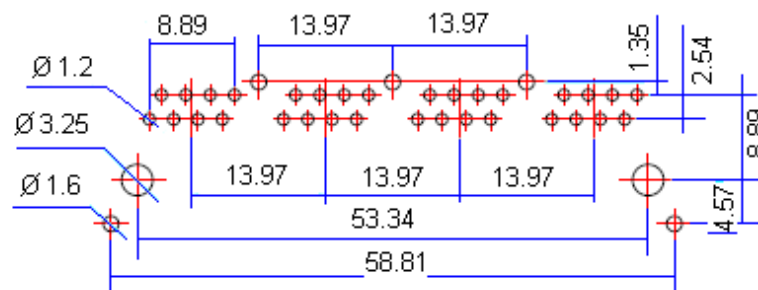
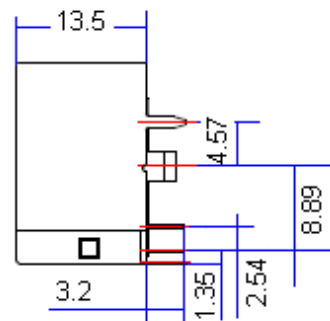
Optional higher gold plating available 1.5,3,6,15,30 and 50u"

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Part No: JP-S1-8P8C-4Port-S-XX

XX = Plating Options: 03, 06, 15, 30, 50



RoHS Compliant

Electrical Specifications:

Voltage rating: 125 VAC RMS

Current rating: 1.5 A

Contact resistance: 40 mohms max.

Insulation resistance: 1000 Mohms min.

Voltage Proof: 1000 V AC, 1 min.

Mechanical:

Housing, Insert: Thermoplastic UL94V0

Contact: PhBz 0.46 dia. wire

Plating: Gold 3U" standard
options 6, 15, 30 or 50U"

Operating life: 750 cycles min.

Operating temp: -20 to 70 Deg. C

Wave soldering: 255~265 Deg. 5 to 7
seconds max.

Mates with Modular Plug conforming
to FCC part 68, subpart F



PRODUCT: RJ45 Shielded Modular Jack 4Port

DIMENSIONS: MM TOLERANCE: ± 0.2 MM

CHECKED BY:

DATE:

APPROVED BY:

DATE:

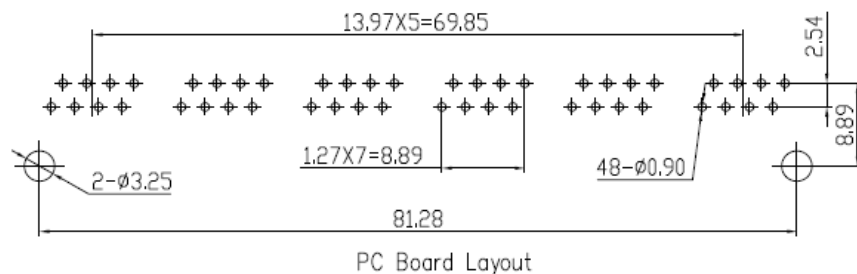
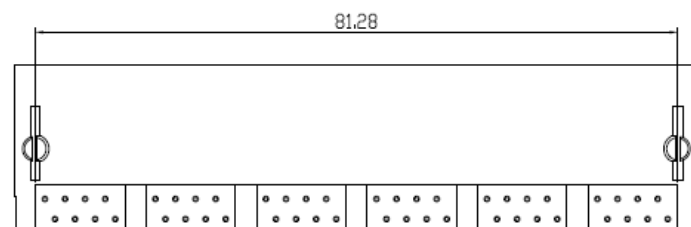
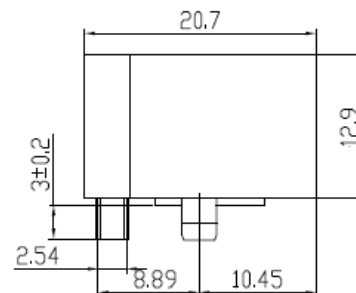
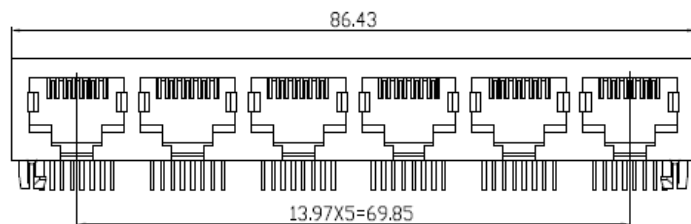


Pran Electronics Pvt. Ltd.

52 G.I.D.C. Makarpura Vadodara 390 010. INDIA.

Phone: [0265] 263 2916 / 5920. Fax: 263 5918.

Email: info@pranelectronics.com



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. MATING/UNMATING FORCE : 2.2KG. F MAX.
4. RETENTION STRENGTH : 7.7KG. F MIN BETWEEN JACK AND PLUG.
5. OPERATING LIFE : 750 CYCLES MIN.

ENVIRONMENTAL:

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

Part Code: JP-S1-8P8C-6P

Description: RJ45 8P8C 6 Port

Standard gold plating = Fu"

Optional higher gold plating available 1.5,3,6,15,30 and 50u"

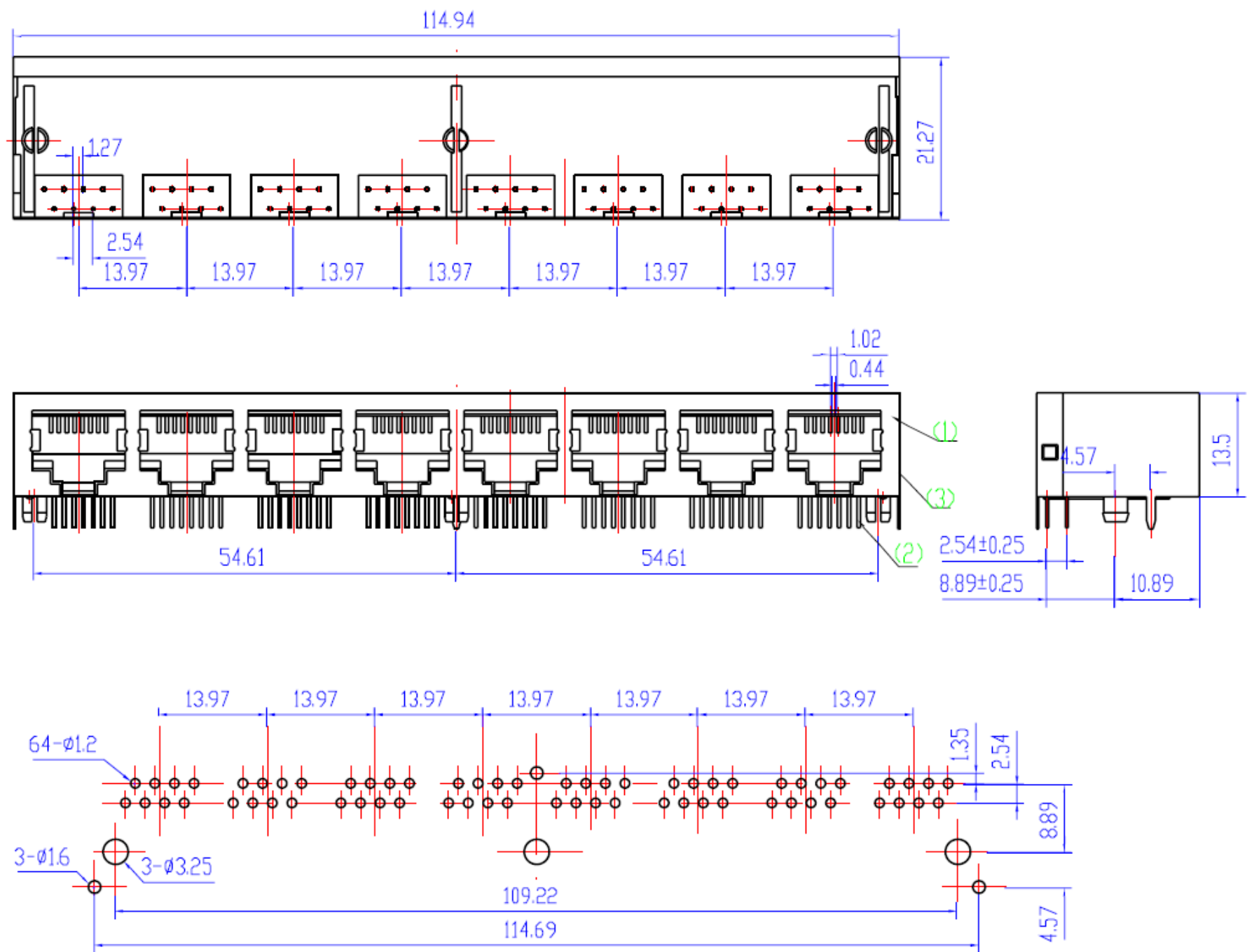
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INDIA

Rev. 00 date 11/07/2016

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RJ45 8 PORT JACK, PART CODE: JP-S1-8P8C-8P



PRAN ELECTRONICS PVT. LTD.
RJ45 8 PORT SHIELDED JACK, PART CODE: JP-S1-8P8C-8P-S