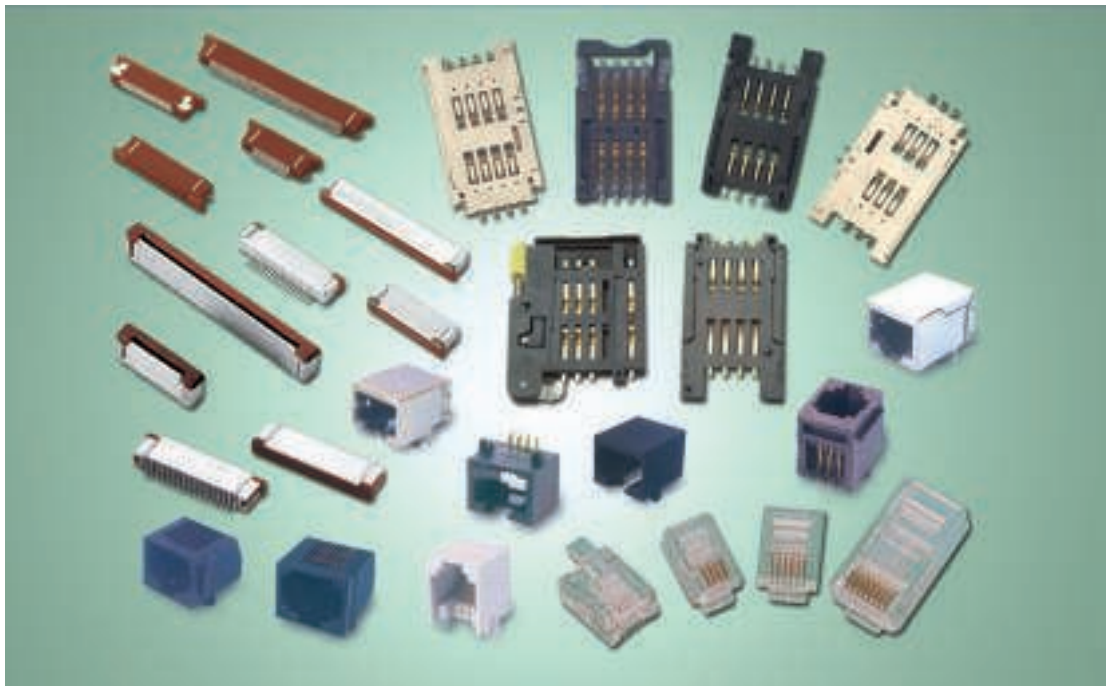


## FPC, SIM CARD HOLDERS & MODULAR JACKS & PLUGS

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# 1.0MM PITCH FPC CONNECTORS

## P7045 Series

### Specifications

|                         |                     |
|-------------------------|---------------------|
| Voltage Rating          | : 50V DC            |
| Current Rating          | : 0.5A              |
| Contact Resistance      | : 20mΩ max.         |
| Insulation Resistance   | : 100MΩ min.        |
| Dielectric Withstanding | : 500VAC for 1 min. |
| Temperature Range       | : -20°C to +85°C    |

### Material & Finish

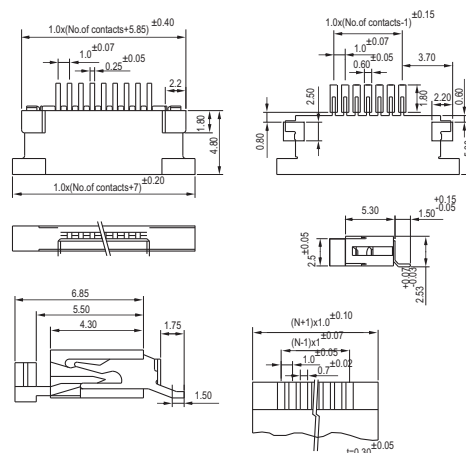
|           |                                    |
|-----------|------------------------------------|
| Contact   | : Phosphor Bronze, Gold/Tin Plated |
| Insulator | : Nylon                            |
| Actuator  | : PPS                              |

## ORDERING INFORMATION

| P7045X2CX2XXX-X |                                                           |                    |                          |                 |                          |
|-----------------|-----------------------------------------------------------|--------------------|--------------------------|-----------------|--------------------------|
| X               | 2C                                                        | X                  | 2                        | X               | XX                       |
| Series          | Mounting Type                                             | Actuator Colour    | Plating                  | No. of Contacts | Packaging Type           |
| P7045           | T= Top Contact<br>B= Bottom Contact<br>V=Vertical Contact | 0=Black<br>1=Brown | 1=Gold Flash<br>4=5μ Tin | 03 to 32        | T=Tube<br>R= Tape & Reel |

## Horizontal Type Top Contact

## P7045T





## 0.5MM PITCH FPC CONNECTORS

P7065 Series

### Specifications

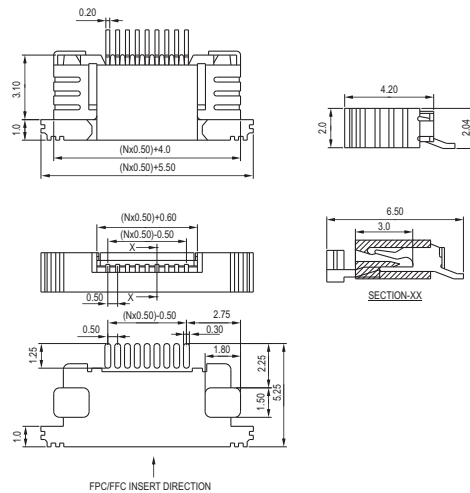
|                         |                          |
|-------------------------|--------------------------|
| Voltage Rating          | : 25V DC                 |
| Current Rating          | : 0.3A                   |
| Contact Resistance      | : 20mΩ max.              |
| Insulation Resistance   | : 100MΩ min.             |
| Dielectric Withstanding | : 500VAC rms. for 1 min. |
| Temperature Range       | : -25°C to +85°C         |

### Material & Finish

|           |                                                           |
|-----------|-----------------------------------------------------------|
| Contact   | : Copper Alloy, Tin Plated                                |
| Insulator | : Heat Resistance Plastic (UL94V-0)<br>Nylon Resin, Brown |
| Actuator  | : Heat Resistance Plastic (UL94V-0), Brown                |

### 0.5mm Pitch Horizontal Type Top Contact

P7065T21-24XX-X

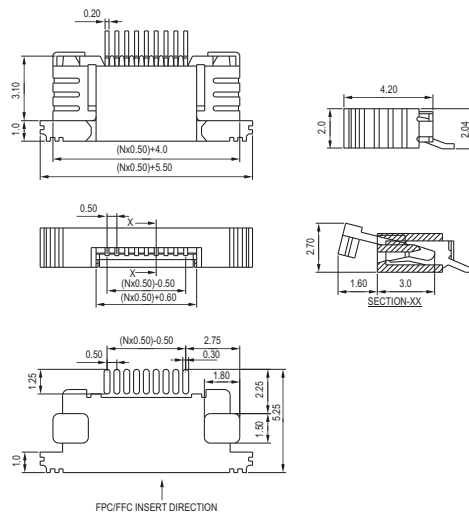


No. of Pins  
04 to 50  
Packaging Type  
T: Tube R: Reel



### 0.5mm Pitch Horizontal Type Bottom Contact

P7065B21-24XX-X



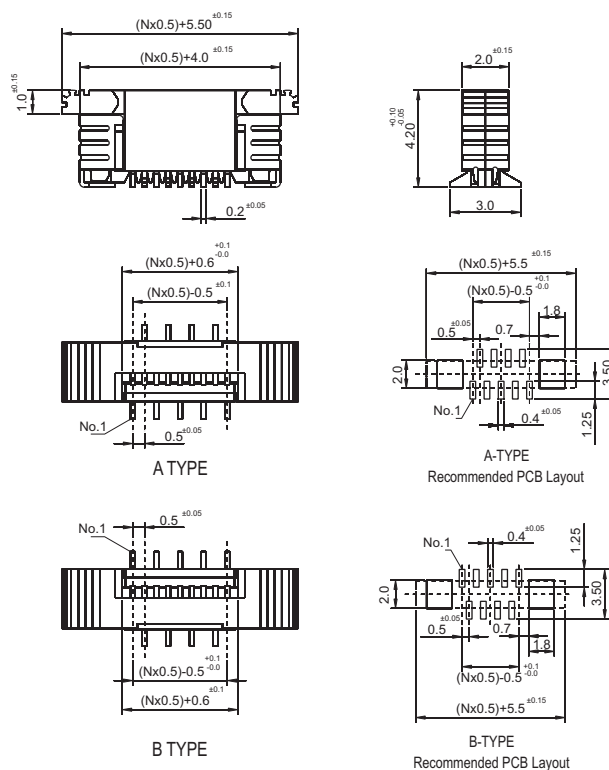
No. of Pins  
04 to 50

Packaging Type  
T: Tube R: Reel



## 0.5mm Pitch Vertical Type Contact

P7065V2124XX XT



No. of pins  
04-50

Mounting Option  
A=A type  
B=B type



## Flat Cable for 0.50mm Pitch FPC Connectors

P706C-XX-1-X-X

| Description          | ABBR. | Formulation                        |
|----------------------|-------|------------------------------------|
| Pitch                | P     | 0.5                                |
| Total Length         | Pt    | $P \times (n - 1)$                 |
| Width                | W     | $P \times (n + 1)$                 |
| Margin               | M     | $P \times (Cw \times \frac{1}{2})$ |
| Conduct Width        | Cw    | 0.3                                |
| Conduct Thickness    | Ct    | Typical                            |
| Total (cable) Length | L     | Typical                            |
| Strip Length         | S1/S2 | 4/4                                |
| Support Tape Length  | S3/S4 | 8/8                                |
| Terminal Thickness   | T     | 0.3                                |

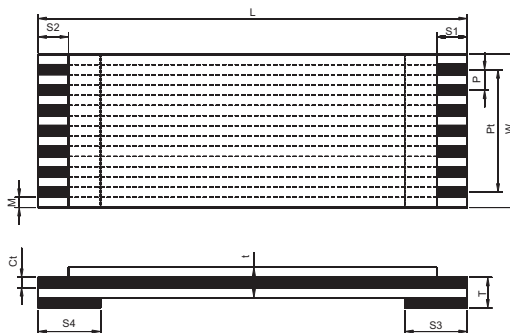
No. of Pins  
04 to 50

Type of conduct position

1. Contacts on same sides
2. Contacts on alternate sides
3. One end Mating & Other End Solder Type
4. Both sides solder type

Cable length

n = No. of conducts





# 1.0MM PITCH FPC CONNECTORS NON-ZIF DIP TYPE

P704 Series

## Specifications

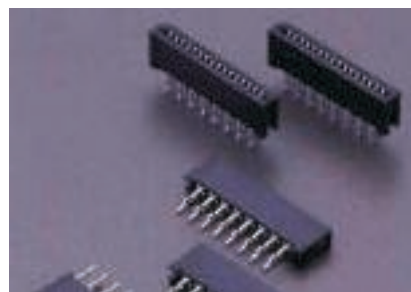
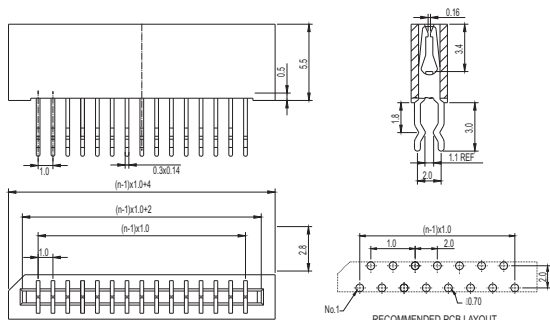
|                         |                     |
|-------------------------|---------------------|
| Current Rating          | : 0.5A              |
| Contact Resistance      | : 20mΩ max.         |
| Insulation Resistance   | : 50MΩ min.         |
| Dielectric Withstanding | : 250VAC for 1 min. |
| Temperature Range       | : -20°C to +85°C    |

## Material & Finish

|           |                            |
|-----------|----------------------------|
| Contact   | : Copper Alloy, Tin Plated |
| Insulator | : Polyester, UL94V-0/ PBT  |

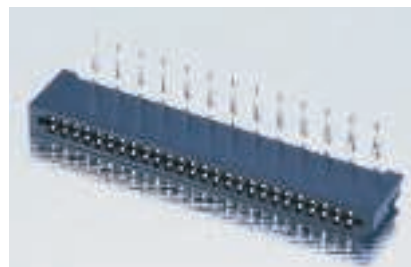
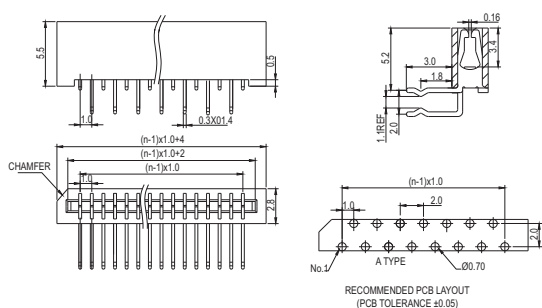
## NON-ZIF Dip Type Top Entry

P7043A



## NON-ZIF Dip Type Top Entry

P7044A



## ORDERING INFORMATION

| P704XAXX-24 |                                     |                 |                |
|-------------|-------------------------------------|-----------------|----------------|
| X           | XX                                  | XX              |                |
| Series      | Mounting Type                       | No. of Contacts | Plating        |
| P704        | 3=Dip Top Entry<br>4=Dip Side Entry | 04 to 32        | 24= Tin Plated |

# 1.25MM PITCH FPC CONNECTORS ZIF DIP TYPE

P7055 Series

## Specifications

|                         |                     |
|-------------------------|---------------------|
| Current Rating          | : 1A                |
| Contact Resistance      | : 20mΩ max.         |
| Insulation Resistance   | : 50MΩ min.         |
| Dielectric Withstanding | : 250VAC for 1 min. |
| Temperature Range       | : -20°C to +85°C    |

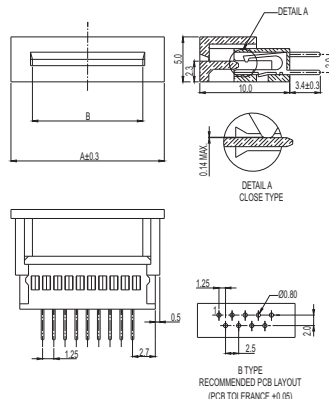
## Material & Finish

|           |                            |
|-----------|----------------------------|
| Contact   | : Copper Alloy, Tin Plated |
| Insulator | : Polyester, UL94V-0/ PBT  |

## ZIF Dip Type Top Entry

P7055T

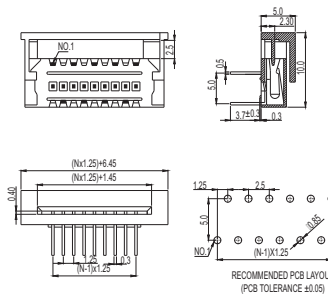
| Circuit | A     | B     | Circuit | A     | B     |
|---------|-------|-------|---------|-------|-------|
| 03      | 9.55  | 5.20  | 18      | 28.30 | 23.95 |
| 04      | 10.80 | 6.45  | 19      | 29.55 | 25.20 |
| 05      | 12.05 | 7.70  | 20      | 30.80 | 26.45 |
| 06      | 13.30 | 8.95  | 21      | 32.05 | 27.70 |
| 07      | 14.55 | 10.20 | 22      | 33.30 | 28.95 |
| 08      | 15.80 | 11.45 | 23      | 34.55 | 30.20 |
| 09      | 17.05 | 12.70 | 24      | 35.80 | 31.45 |
| 10      | 18.30 | 13.95 | 25      | 37.05 | 32.70 |
| 11      | 19.55 | 15.20 | 26      | 38.30 | 33.95 |
| 12      | 20.80 | 16.45 | 27      | 39.55 | 35.20 |
| 13      | 22.05 | 17.70 | 28      | 40.80 | 36.45 |
| 14      | 23.30 | 18.95 | 29      | 42.05 | 37.70 |
| 15      | 24.55 | 20.20 | 30      | 43.30 | 38.95 |
| 16      | 25.80 | 21.45 | 31      | 44.55 | 40.20 |
| 17      | 27.05 | 22.70 | 32      | 45.80 | 41.45 |



## ZIF Dip Type Top Entry

P7055R

| Circuit | A     | B     | Circuit | A     | B     |
|---------|-------|-------|---------|-------|-------|
| 03      | 9.55  | 5.20  | 18      | 28.30 | 23.95 |
| 04      | 10.80 | 6.45  | 19      | 29.55 | 25.20 |
| 05      | 12.05 | 7.70  | 20      | 30.80 | 26.45 |
| 06      | 13.30 | 8.95  | 21      | 32.05 | 27.70 |
| 07      | 14.55 | 10.20 | 22      | 33.30 | 28.95 |
| 08      | 15.80 | 11.45 | 23      | 34.55 | 30.20 |
| 09      | 17.05 | 12.70 | 24      | 35.80 | 31.45 |
| 10      | 18.30 | 13.95 | 25      | 37.05 | 32.70 |
| 11      | 19.55 | 15.20 | 26      | 38.30 | 33.95 |
| 12      | 20.80 | 16.45 | 27      | 39.55 | 35.20 |
| 13      | 22.05 | 17.70 | 28      | 40.80 | 36.45 |
| 14      | 23.30 | 18.95 | 29      | 42.05 | 37.70 |
| 15      | 24.55 | 20.20 | 30      | 43.30 | 38.95 |
| 16      | 25.80 | 21.45 | 31      | 44.55 | 40.20 |
| 17      | 27.05 | 22.70 | 32      | 45.80 | 41.45 |



## ORDERING INFORMATION

| P7055X2C924XXXT |                                     |                 |                                                                 |
|-----------------|-------------------------------------|-----------------|-----------------------------------------------------------------|
| X               | XX                                  | XX              |                                                                 |
| Series          | Mounting Type                       | No. of Contacts | Mounting Option                                                 |
| P7055           | T=Dip Top Entry<br>R=DIP Side Entry | 03 to 32        | A= A Type<br>B= B Type<br>(Applicable for Mounting Type T Only) |

# 1.25MM PITCH FPC CONNECTORS NON ZIF DIP TYPE

P705 Series

## Specifications

|                         |                     |
|-------------------------|---------------------|
| Current Rating          | : 1A                |
| Contact Resistance      | : 20mΩ max.         |
| Insulation Resistance   | : 50MΩ min.         |
| Dielectric Withstanding | : 250VAC for 1 min. |
| Temperature Range       | : -20°C to +85°C    |

## Material & Finish

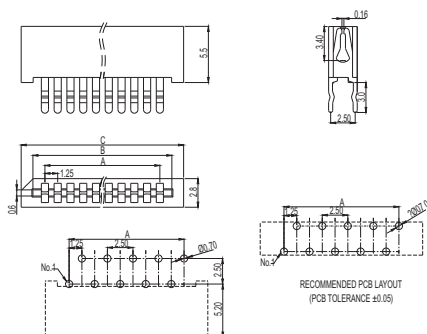
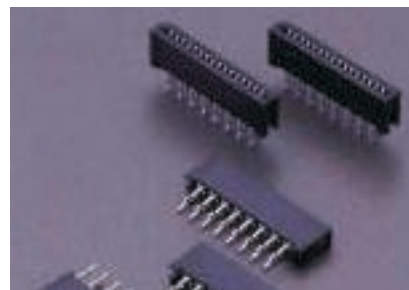
|           |                            |
|-----------|----------------------------|
| Contact   | : Copper Alloy, Tin Plated |
| Insulator | : Polyester, UL94V-0/ PBT  |

## NON-ZIF Dip Type Top Entry

P7053T

| Contact | A     | B     | B     |
|---------|-------|-------|-------|
| 03      | 2.50  | 5.05  | 7.15  |
| 04      | 3.75  | 6.30  | 8.40  |
| 05      | 5.00  | 7.55  | 9.65  |
| 06      | 6.25  | 8.80  | 10.90 |
| 07      | 7.50  | 10.05 | 12.15 |
| 08      | 8.75  | 11.30 | 13.40 |
| 09      | 10.00 | 12.55 | 14.65 |
| 10      | 11.25 | 13.80 | 15.90 |
| 11      | 12.50 | 15.05 | 17.15 |
| 12      | 13.75 | 16.30 | 18.40 |
| 13      | 15.00 | 17.55 | 19.65 |
| 14      | 16.25 | 18.80 | 20.90 |
| 15      | 17.50 | 20.05 | 22.15 |
| 16      | 18.75 | 21.30 | 23.40 |
| 17      | 20.00 | 22.55 | 24.65 |
| 18      | 21.25 | 23.80 | 25.90 |
| 19      | 22.50 | 25.05 | 27.15 |

| Contact | A     | B     | B     |
|---------|-------|-------|-------|
| 20      | 23.75 | 26.30 | 28.40 |
| 21      | 25.00 | 27.55 | 29.65 |
| 22      | 26.25 | 28.80 | 30.90 |
| 23      | 27.50 | 30.05 | 32.15 |
| 24      | 28.75 | 31.30 | 33.40 |
| 25      | 30.00 | 32.55 | 34.65 |
| 26      | 31.25 | 33.80 | 35.90 |
| 27      | 32.50 | 35.05 | 37.15 |
| 28      | 33.75 | 36.30 | 38.40 |
| 29      | 35.00 | 37.55 | 39.65 |
| 30      | 36.25 | 38.80 | 40.90 |
| 31      | 37.50 | 40.05 | 42.15 |
| 32      | 38.75 | 41.30 | 43.40 |
| 33      | 40.00 | 42.55 | 44.65 |
| 34      | 41.25 | 43.80 | 45.90 |
| 35      | 42.50 | 45.05 | 47.15 |
| 36      | 43.75 | 46.30 | 48.40 |

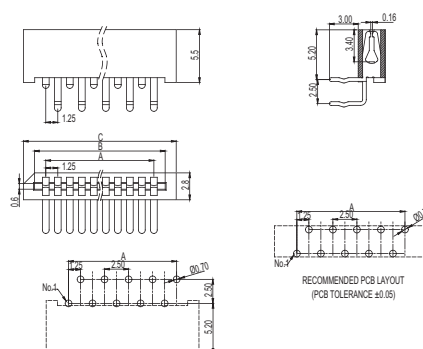
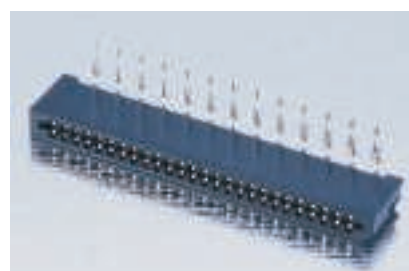


## NON-ZIF Dip Type Side Entry

P7054T

| Contact | A     | B     | B     |
|---------|-------|-------|-------|
| 03      | 2.50  | 5.05  | 7.15  |
| 04      | 3.75  | 6.30  | 8.40  |
| 05      | 5.00  | 7.55  | 9.65  |
| 06      | 6.25  | 8.80  | 10.90 |
| 07      | 7.50  | 10.05 | 12.15 |
| 08      | 8.75  | 11.30 | 13.40 |
| 09      | 10.00 | 12.55 | 14.65 |
| 10      | 11.25 | 13.80 | 15.90 |
| 11      | 12.50 | 15.05 | 17.15 |
| 12      | 13.75 | 16.30 | 18.40 |
| 13      | 15.00 | 17.55 | 19.65 |
| 14      | 16.25 | 18.80 | 20.90 |
| 15      | 17.50 | 20.05 | 22.15 |
| 16      | 18.75 | 21.30 | 23.40 |
| 17      | 20.00 | 22.55 | 24.65 |
| 18      | 21.25 | 23.80 | 25.90 |
| 19      | 22.50 | 25.05 | 27.15 |

| Contact | A     | B     | B     |
|---------|-------|-------|-------|
| 20      | 23.75 | 26.30 | 28.40 |
| 21      | 25.00 | 27.55 | 29.65 |
| 22      | 26.25 | 28.80 | 30.90 |
| 23      | 27.50 | 30.05 | 32.15 |
| 24      | 28.75 | 31.30 | 33.40 |
| 25      | 30.00 | 32.55 | 34.65 |
| 26      | 31.25 | 33.80 | 35.90 |
| 27      | 32.50 | 35.05 | 37.15 |
| 28      | 33.75 | 36.30 | 38.40 |
| 29      | 35.00 | 37.55 | 39.65 |
| 30      | 36.25 | 38.80 | 40.90 |
| 31      | 37.50 | 40.05 | 42.15 |
| 32      | 38.75 | 41.30 | 43.40 |
| 33      | 40.00 | 42.55 | 44.65 |
| 34      | 41.25 | 43.80 | 45.90 |
| 35      | 42.50 | 45.05 | 47.15 |
| 36      | 43.75 | 46.30 | 48.40 |



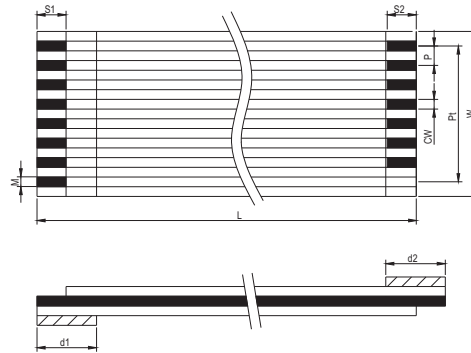
## ORDERING INFORMATION

| P705X-XX-24 |                                     |                 |                |
|-------------|-------------------------------------|-----------------|----------------|
| X           | XX                                  | XXX             |                |
| Series      | Mounting Type                       | No. of Contacts | Plating        |
| P705        | 3=Dip Top Entry<br>4=Dip Side Entry | 03 to 36        | 24= Tin Plated |

### Flat Cable for 1.25mm Pitch FPC Connectors

| Description          | Abbr. | Formulation |
|----------------------|-------|-------------|
| Pitch                | P     | 1.25        |
| Total Pitch          | PT    | PX(N-1)     |
| Width                | W     | PX(N+1)     |
| Margin               | M     | P(CWX1/2)   |
| Conduct Width        | CW    | 0.8         |
| Conduct Thickness    | CT    | Typical     |
| Total (cable) Length | L     | X           |
| Strip Length         | S2/S1 | 4/4         |
| Support Tape Length  | S3/S4 | 8/8         |
| Terminal Thickness   | T     | 0.3         |

N = No. Of Conducts



### P705C-XX-1-X-X

No. of Pins  
03 to 36

Type of  
conduct position  
1. Contacts on same sides  
2. Contacts on alternate sides  
3. One end Mating &  
Other End Solder Type  
4. Both sides solder type

Cable length



## 2.54MM PITCH FPC CONNECTORS NON ZIF DIP TYPE

P705 Series

### Specifications

|                         |                      |
|-------------------------|----------------------|
| Current Rating          | : 1A                 |
| Contact Resistance      | : 10mΩ max.          |
| Insulation Resistance   | : 500MΩ min.         |
| Dielectric Withstanding | : 2500VAC for 1 min. |
| Temperature Range       | : -40°C to +85°C     |

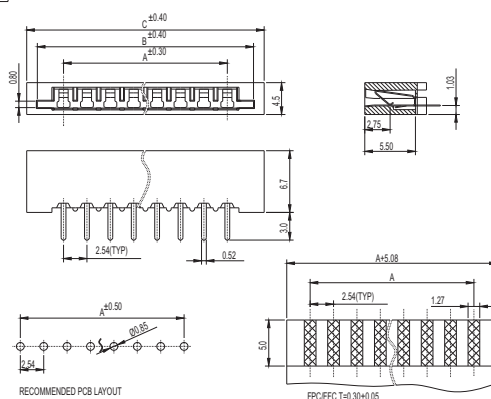
### Material & Finish

|           |                            |
|-----------|----------------------------|
| Contact   | : Copper Alloy, Tin Plated |
| Insulator | : Polyester, UL94V-0/ PBT  |

### NON-ZIF Dip Type Top Entry, Single Row

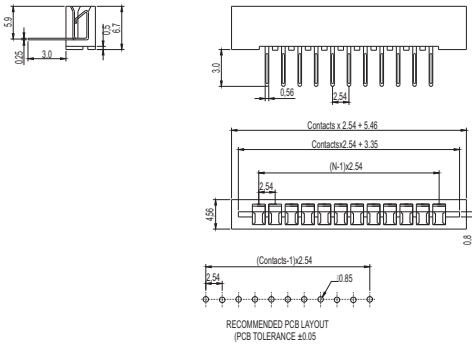
P7051A

| No. Of Ways | Dimension |       |       | No. Of Ways | Dimension |       |       |
|-------------|-----------|-------|-------|-------------|-----------|-------|-------|
|             | A         | B     | C     |             | A         | B     | C     |
| 2           | 2.54      | 8.43  | 10.54 | 15          | 35.56     | 41.45 | 43.56 |
| 3           | 5.08      | 10.97 | 13.08 | 16          | 38.10     | 43.99 | 46.10 |
| 4           | 7.62      | 13.51 | 15.62 | 17          | 40.64     | 46.53 | 48.64 |
| 5           | 10.16     | 16.05 | 18.16 | 18          | 43.18     | 49.07 | 51.18 |
| 6           | 12.70     | 18.59 | 20.70 | 19          | 45.72     | 51.60 | 53.72 |
| 7           | 15.24     | 21.13 | 23.24 | 20          | 48.26     | 54.15 | 56.26 |
| 8           | 17.78     | 23.67 | 25.78 | 21          | 50.80     | 56.69 | 58.80 |
| 9           | 20.32     | 26.21 | 28.32 | 22          | 53.34     | 59.23 | 61.34 |
| 10          | 22.86     | 28.75 | 30.86 | 23          | 55.88     | 61.77 | 63.88 |
| 11          | 25.40     | 31.29 | 33.40 | 24          | 58.42     | 64.31 | 66.42 |
| 12          | 27.94     | 33.83 | 35.94 | 25          | 60.96     | 66.85 | 68.96 |
| 13          | 30.48     | 36.37 | 38.48 | 26          | 63.50     | 69.39 | 71.50 |
| 14          | 33.02     | 38.91 | 41.02 | 27          | 66.04     | 71.93 | 74.04 |



## NON-ZIF Dip Type Side Entry, Single Row

P7052A

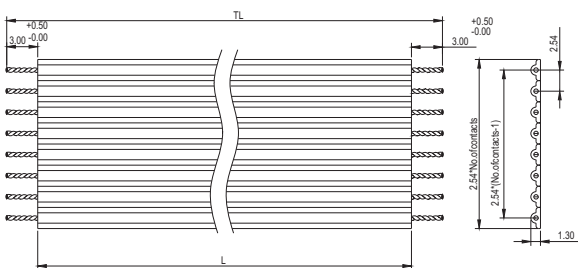


## ORDERING INFORMATION

| P705XAXX-24 |                                                       |                 |                 |
|-------------|-------------------------------------------------------|-----------------|-----------------|
| X           | XX                                                    | XX              |                 |
| Series      | Mounting Type                                         | No. of Contacts | Plating         |
| P705        | 1 = Single Row Top Entry<br>2 = Single Row Side Entry | 02 to 27        | 24 = Tin Plated |

## Flat Cable for 2.54mm Pitch FPC Connectors

P707C-XX-1-X-X



- No. of Pins  
02 to 27
- Type of conduct position
1. Contacts on same sides
  2. Contacts on alternate sides
  3. One end Mating & Other End Solder Type
  4. Both sides solder type
- Cable length



## SIM CARD HOLDERS

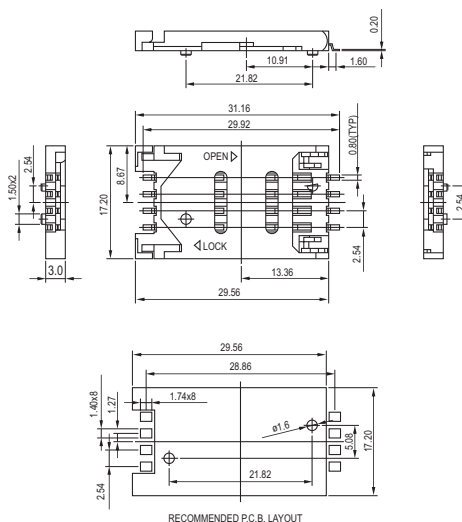
### Sim Card Holder with Pegs (Pitch:End-End=29.90mm)

## Specifications

|                       |                            |
|-----------------------|----------------------------|
| Current Rating        | : 0.5A                     |
| Contact Resistance    | : 50mΩ typical, 100mΩ max. |
| Insulation Resistance | : 1000MΩ min.at 500V DC    |
| Temperature Range     | : -40°C to +85°C           |
| Durability            | : 10000 Cycles             |

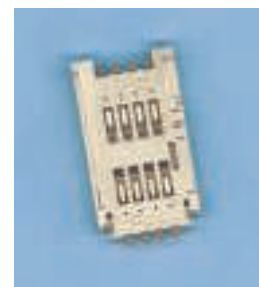
## Material & Finish

Body : Thermoplastic, UL94V-0, beige colour  
Cover : Thermoplastic, UL 94V-0, beige colour  
Contact : Phosphor bronze, Gold plated/Selective



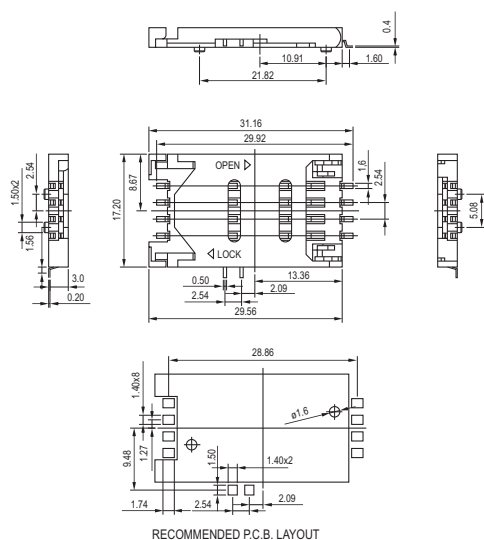
## PSIMC-XX-CP-X

No. of Contacts: 06, 08  
Plating: 1=Gold Flash  
6=Gold flash on contact area & tin on tail



### Sim Card Holder With Pegs With Switch (Pitch:End End=29.90mm)

## PSIMC1-XX-CPS-X



No. of Contacts: 06, 08  
Plating: 1=Gold Flash  
6=Gold flash on contact area  
& tin on tail



## Sim Card Holder Low Profile (Pitch:End-End=27.20mm)

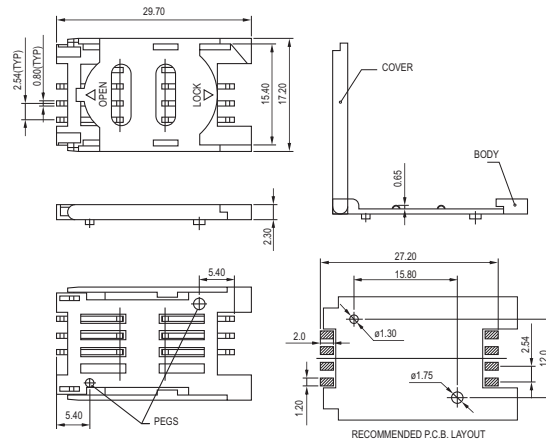
## PSIMC2 Series

### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Current Rating          | : 0.5A max.              |
| Contact Resistance      | : 30mΩ max.              |
| Insulation Resistance   | : 1000MΩ min. at 500V AC |
| Temperature Range       | : -25°C to +85°C         |
| Dielectric Withstanding | : 500V AC rms for 1min.  |
| Durability              | : 5000 Cycles            |

### Material & Finish

|         |                                          |
|---------|------------------------------------------|
| Body    | : PPS, UL94V-0, black colour             |
| Cover   | : Thermoplastic, UL 94V-0, black colour  |
| Contact | : Phosphor bronze, Gold plated/Selective |



## ORDERING INFORMATION

| PSIMC2-XX-CX-X |                 |                         |                                                          |
|----------------|-----------------|-------------------------|----------------------------------------------------------|
|                | X               | XX                      | X                                                        |
| Series         | No. of contacts | Peg Option              | Plating                                                  |
| PSIMC2         | 06, 08          | P=With peg<br>O=W/o Peg | 1=Gold Flash<br>6=Gold flash on contact area tin on tail |

## Sim Card Holder W/o Pegs with Metal Clip Low Profile (pitch:end-end=27.20mm)

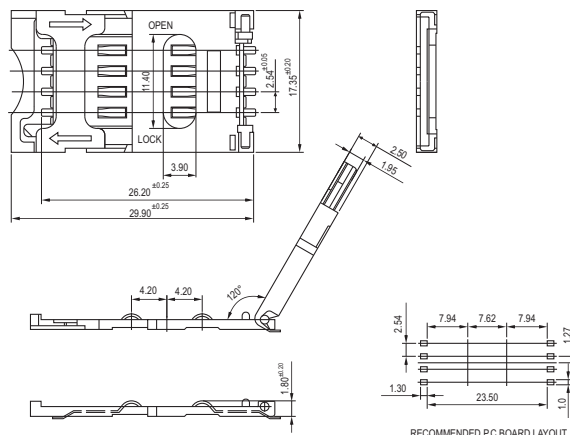
## PSIMC3-XX-CO-X

### Specifications

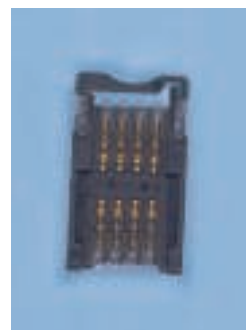
|                         |                  |
|-------------------------|------------------|
| Current Rating          | : 1A             |
| Contact Resistance      | : 100mΩ max.     |
| Insulation Resistance   | : 1000MΩ min.    |
| Dielectric Withstanding | : 250V AC        |
| Temperature Range       | : -40°C to +85°C |
| Durability              | : 5000 Cycles    |

### Material & Finish

|         |                                          |
|---------|------------------------------------------|
| Body    | : Polyester, UL94V-0, black colour       |
| Cover   | : Polyester, UL 94V-0, black colour      |
| Contact | : Phosphor bronze, Gold plated/Selective |



No. of Contacts: 06, 08  
Plating: 1=Gold Flash  
6=Gold flash on contact area & tin on tail



## Sim Card Holder Push Button Type W/o Pegs With Switch (Pitch:End-End=24.60mm)

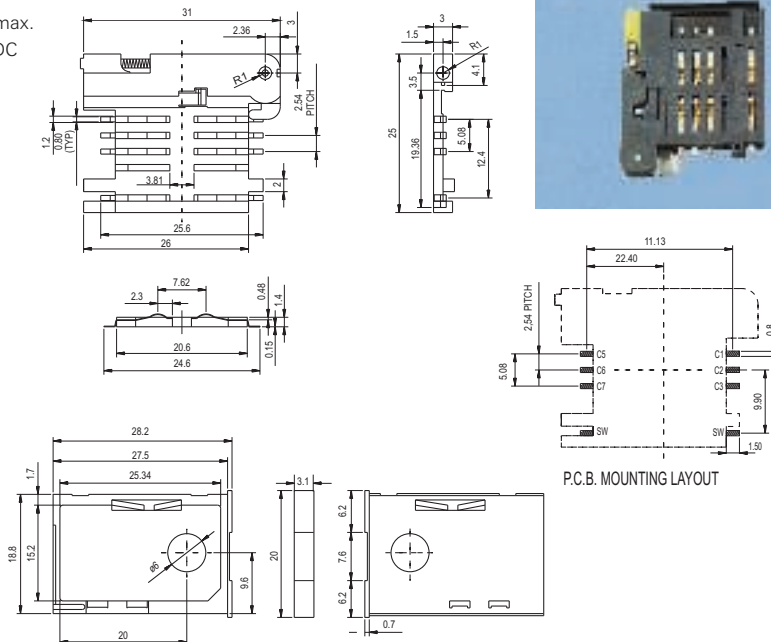
PSIMC9-06-COS-6

### Specifications

|                       |                            |
|-----------------------|----------------------------|
| Contact Resistance    | : 60mΩ Typical, 100mΩ max. |
| Insulation Resistance | : 1000MΩ min. at 500V DC   |
| Temperature Range     | : -25°C to +85°C           |
| Durability            | : 10000 Cycles             |

### Material & Finish

|         |                                                     |
|---------|-----------------------------------------------------|
| Body    | : Thermoplastic Polyester, UL94V-0,<br>Black Colour |
| Cover   | : Thermoplastic Polyester UL94V-0,<br>Black Colour  |
| Contact | : Phosphor Bronze,<br>Selective Gold Plated         |



## Sim Card Holder Low Profile With Pegs (Pitch:End-End=25.10mm)

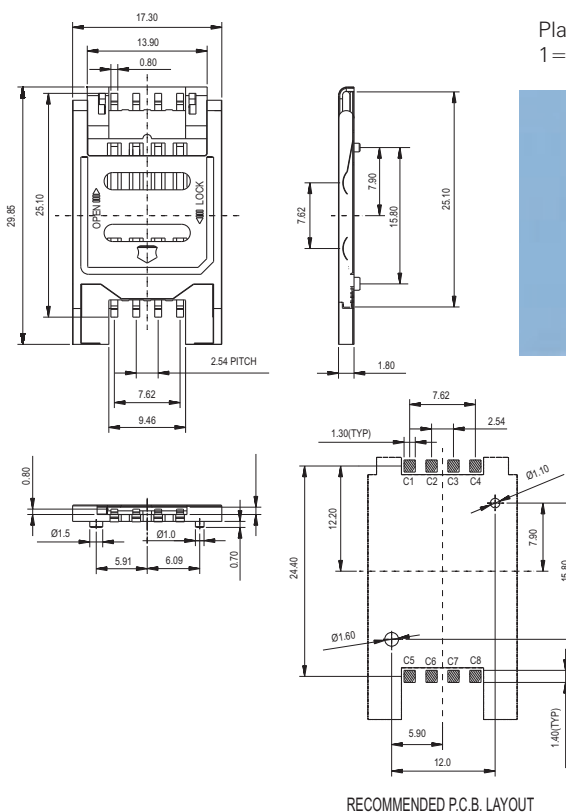
PSIMC11-XX-CP-1

### Specifications

|                       |                            |
|-----------------------|----------------------------|
| Contact Resistance    | : 50mΩ Typical, 100mΩ max. |
| Insulation Resistance | : 1000MΩ min. at 500V DC   |
| Temperature Range     | : -40°C to +85°C           |
| Durability            | : 5000 Cycles              |

### Material & Finish

|         |                                                     |
|---------|-----------------------------------------------------|
| Body    | : Thermoplastic Polyester, UL94V-0,<br>Black Colour |
| Cover   | : Thermoplastic Polyester UL94V-0,<br>Black Colour  |
| Contact | : Phosphor Bronze,<br>Gold Plated                   |



No. of Contacts:  
06, 08

Plating:  
1=Gold Flash





## MEMORY / SD CARD HOLDERS

### Specifications :

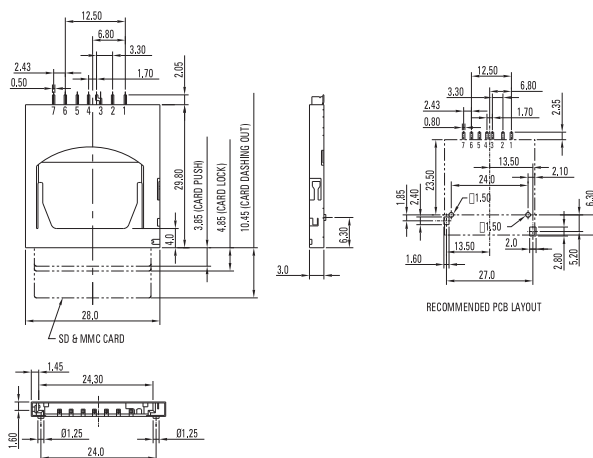
|                        |                          |
|------------------------|--------------------------|
| Voltage Rating         | : 100V AC / DC           |
| Current Rating         | : 0.5A                   |
| Contact Resistance     | : <20mΩ                  |
| Insulation Resistance  | : 100MΩ min. At 500 V DC |
| Temperature Range      | : -25°C to +90°C         |
| Durability (life Test) | : 10,000 Cycles          |

### Material & Finish

|           |                                          |
|-----------|------------------------------------------|
| Contact   | : Phosphor Bronze, Selective Gold Plated |
| Insulator | : LCP + 30% GF, UL94V-0                  |

### Digital Memory Card Holder SMT With Peg Without Switch 7 Pin

PMMC-07-0P-9



## Micro SD Card Connector SMT Without Pegs Friction Technology

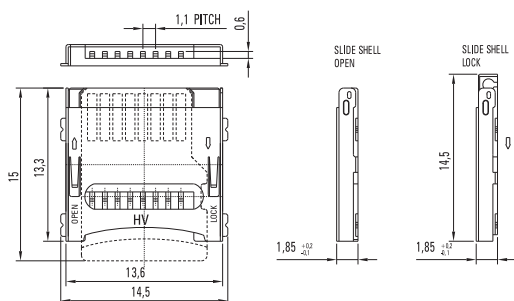
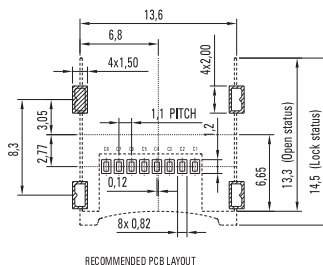
PMSDC-08-00-1

### Specifications :

|                         |                             |
|-------------------------|-----------------------------|
| Contact Resistance      | : 100mΩ / 20 mA             |
| Insulation Resistance   | : > 1000MΩ Min. At 500 V Dc |
| Temperature Range       | : -40°C To +85°C            |
| Dielectric Withstanding | : 500 V Ac                  |
| Durability (life Test)  | : 5000 Cycles Min.          |

### Material & Finish :

|           |                           |
|-----------|---------------------------|
| Contact   | : Copper Alloy            |
| Insulator | : Thermo Plastic, UL94v-0 |



| PIN | Micro SD Mode |                                |
|-----|---------------|--------------------------------|
|     | Name          | Description                    |
| 1   | DAT2          | Data Line (Bit 2)              |
| 2   | CD/DAT3       | Card Detect / Data Line (Bit3) |
| 3   | CMD           | Command Response               |
| 4   | VDD           | Supply Voltage                 |
| 5   | CLK           | Clock                          |
| 6   | VSS           | Supply Voltage Ground          |
| 7   | DAT0          | Data Line (Bit 0)              |
| 8   | DAT1          | Data Line (Bit 1)              |

# MODULAR JACKS & PLUGS

## PSY Series

### Specifications

|                         |                        |
|-------------------------|------------------------|
| Voltage Rating          | : 150V AC max.         |
| Current Rating          | : 1A max.              |
| Contact Resistance      | : 30mΩ max.            |
| Insulation Resistance   | : 500MΩ at 1000V DC    |
| Temperature Range       | : -40°C to +70°C       |
| Dielectric Withstanding | : 1000Vrms for 1minute |
| Durability              | : 500 Cycles           |

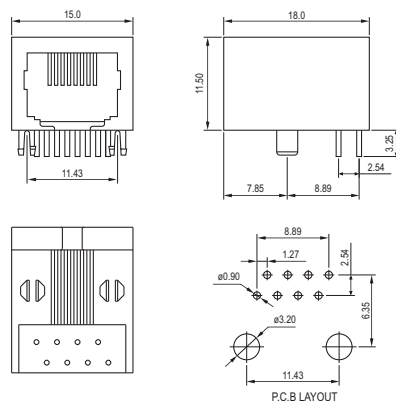
### Material & Finish

|           |                                                                               |
|-----------|-------------------------------------------------------------------------------|
| Contact   | : Phosphor Bronze, gold plated/Gold on contact area & Tin on tail/ Tin plated |
| Round Pin | : Dia 0.45 mm                                                                 |
| Flat Pin  | : 0.35 mm thick                                                               |
| Insulator | : PBT, UL94V-0, Black or Grey                                                 |

Note : Modular Jack with Magnetics available on request

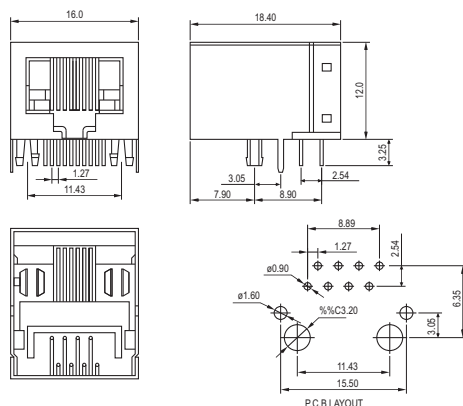
## MODULAR JACK, Side Entry Very Low Profile, Unshielded

PSY001



## MODULAR JACK, Side Entry Very Low Profile, Shielded

PSY001S

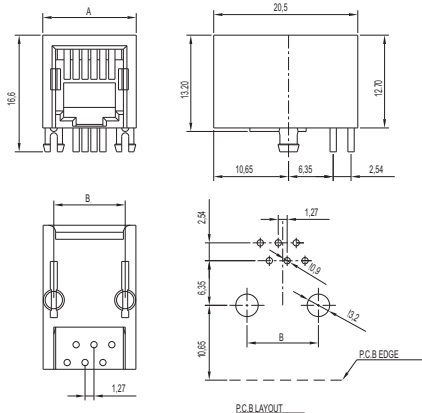


## ORDERING INFORMATION

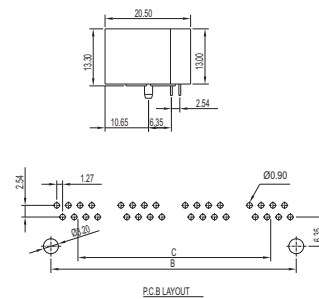
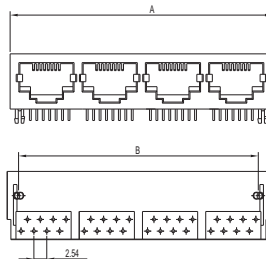
| PSY001X-XPXC-X |                                             |                  |                 |                                                                                                     |
|----------------|---------------------------------------------|------------------|-----------------|-----------------------------------------------------------------------------------------------------|
|                | X                                           | X                | X               | X                                                                                                   |
| Series         | Shielding Option                            | No. Of Positions | No. Of Contacts | Plating                                                                                             |
| PSY001         | □ = Std W/o Shielding<br>S = With Shielding | 10               | 10, 8, 6        | 1 = Gold Flash<br>2 = 0.75μ Gold<br>3 = 0.075μ Gold Flash<br>6 = Gold On Contact Area & Tin On Tail |

## MODULAR JACK, Side Entry Un shielded Long body

PSY001L



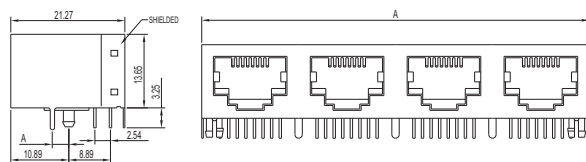
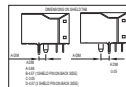
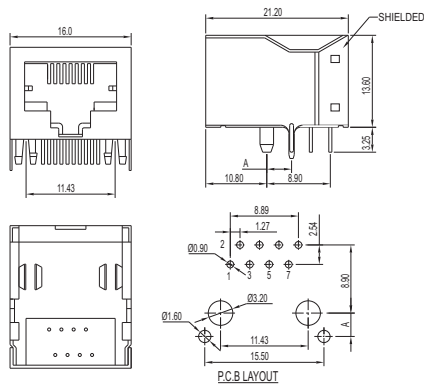
| No.Of. Positions | Dimensions |       |
|------------------|------------|-------|
|                  | A          | B     |
| 4                | 11.2       | 7.62  |
| 6                | 13.2       | 10.16 |
| 10               | 15.2       | 11.43 |



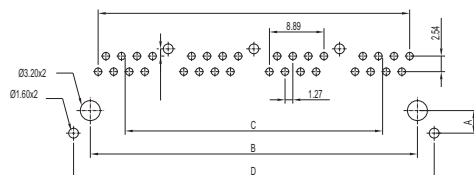
| Dimensions | No. Of Ports |       |       |       |        |
|------------|--------------|-------|-------|-------|--------|
|            | 2            | 4     | 5     | 6     | 8      |
| A          | 30.5         | 58.4  | 72.4  | 86.3  | 114.1  |
| B          | 25.40        | 53.34 | 67.30 | 81.30 | 109.20 |
| C          | 13.98        | 41.94 | 55.92 | 69.90 | 97.86  |

## MODULAR JACK, Side Entry Long body, Shielded

PSY001SL



| DIMENSIONS | NO. OF PORTS |       |       |       |        |
|------------|--------------|-------|-------|-------|--------|
|            | 2            | 4     | 5     | 6     | 8      |
| A          | 31.20        | 59.10 | 73.0  | 87.30 | 114.80 |
| B          | 25.40        | 53.34 | 67.30 | 81.30 | 109.20 |
| C          | 13.98        | 41.94 | 55.92 | 69.90 | 97.86  |
| D          | 30.80        | 58.90 | 72.80 | 86.80 | 114.60 |



## ORDERING INFORMATION

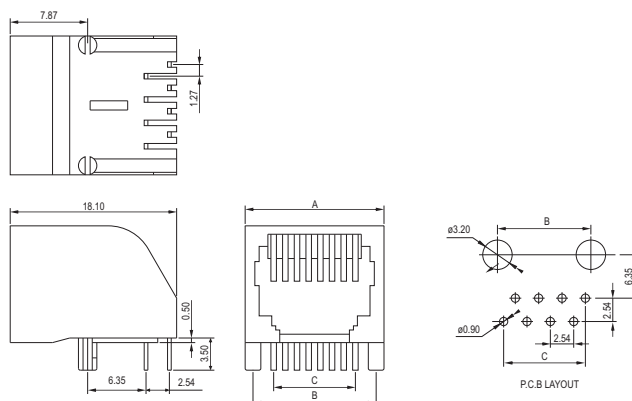
| PSY001XLXXXPXCX |                       |                    |                            |                  |                 |                          |
|-----------------|-----------------------|--------------------|----------------------------|------------------|-----------------|--------------------------|
|                 |                       | X                  | X                          | X                | X               | X                        |
| Series          | Shielding Option      | No. Of Ports       | Dimension On Tabs          | No. Of Positions | No. Of Contacts | Plating                  |
| PSY001          | Blank = W/o Shielding | '_' = Single Ports | '_' = Std 3.05mm           | A                | 8               | 1 = Gold Flash           |
|                 | 's' = With Shielding  | 2 = 2ports         | A = 3.68mm                 | 8                | 6               | 2 = 0.75μ Gold           |
|                 |                       | 4 = 4ports         | B = 4.57mm                 | 6                | 4               | 3 = 0.075μ Gold Flash    |
|                 |                       | 5 = 5ports         | (1shielded Pin @ Backside) | 4                | 2               | 6 = Gold On Contact Area |
|                 |                       | 6 = 6ports         | C = 3.05mm                 |                  |                 | Tin On Solder Area       |
|                 |                       | 8 = 8ports         | D = 4.57mm                 |                  |                 |                          |
|                 |                       |                    | (3shielded Pin @ Backside) |                  |                 |                          |



## MODULAR JACK, Side Entry Low Profile With Out Flange

PSY002A

| Positions | Dim. A | Dim. B | Dim. C |
|-----------|--------|--------|--------|
| 6         | 13.30  | 10.16  | 6.35   |
| 8         | 15.10  | 11.43  | 8.89   |

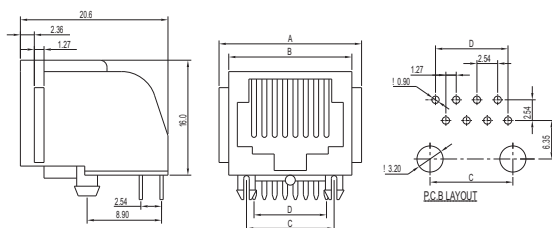


## ORDERING INFORMATION

| PSY002X-XPXC-X |                                     |                  |                 |                                                                                                       |
|----------------|-------------------------------------|------------------|-----------------|-------------------------------------------------------------------------------------------------------|
|                | X                                   | X                | X               | X                                                                                                     |
| Series         | Flange Option                       | No. Of Positions | No. Of Contacts | Plating                                                                                               |
| PSY002         | A = w/o Flange<br>'-' = with Flange | 8, 6             | 8,6,4,2         | 1 = Gold Flash<br>2 = 0.75μ Gold<br>3 = 0.75μ Gold Flash<br>6 = gold On Contact Area<br>& Tin On Tail |

## MODULAR JACK with flange, side entry, low profile

PSY002L



| POSITIONS | DIM. A | DIM. B | DIM. C | DIM. D |
|-----------|--------|--------|--------|--------|
| 4         | 13.7   | 11.1   | 7.62   | 3.81   |
| 6         | 15.7   | 13.2   | 10.16  | 6.35   |
| 8         | 17.7   | 15.2   | 11.43  | 8.89   |

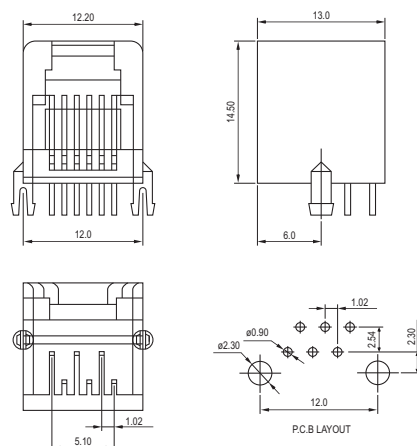


## ORDERING INFORMATION

| PSY002L-XPXC-X |                  |                 |                          |
|----------------|------------------|-----------------|--------------------------|
|                | X                | X               | X                        |
| Series         | No. Of Positions | No. Of Contacts | Plating                  |
| PSY002L        | 8                | 8               | 1 = Gold Flash (0.026μ)  |
|                | 6                | 6               | 2 = 0.75μ Gold           |
|                | 4                | 4               | 3 = 0.075μ Gold Flash    |
|                |                  | 2               | 6 = Gold On Contact Area |

## RJ 45 MODULAR JACK, Side Entry Mini Low Profile

PSY003

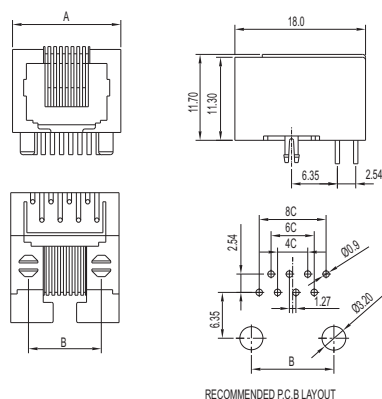


### ORDERING INFORMATION

| PSY003X-XPXC-X |                                   |                  |                 |                                                                                                          |
|----------------|-----------------------------------|------------------|-----------------|----------------------------------------------------------------------------------------------------------|
| X              | X                                 | X                | X               |                                                                                                          |
| Series         | Flange Option                     | No. Of Positions | No. Of Contacts | Plating                                                                                                  |
| PSY003         | 'A'=W/O Flange<br>'F'=With Flange | 8, 6, 4          | 8, 6, 4         | 1= Gold Flash<br>2= 0.75 $\mu$ Gold<br>3= Gold Flash (0.075)<br>6= Gold On Contact Area<br>& Tin On Tail |

## MODULAR JACK side entry (top open type), unshielded

PSY004A



| No. Of Positions | A     | B     |
|------------------|-------|-------|
| 4                | 11.20 | 7.62  |
| 6                | 13.20 | 10.16 |
| 8                | 15.20 | 11.43 |

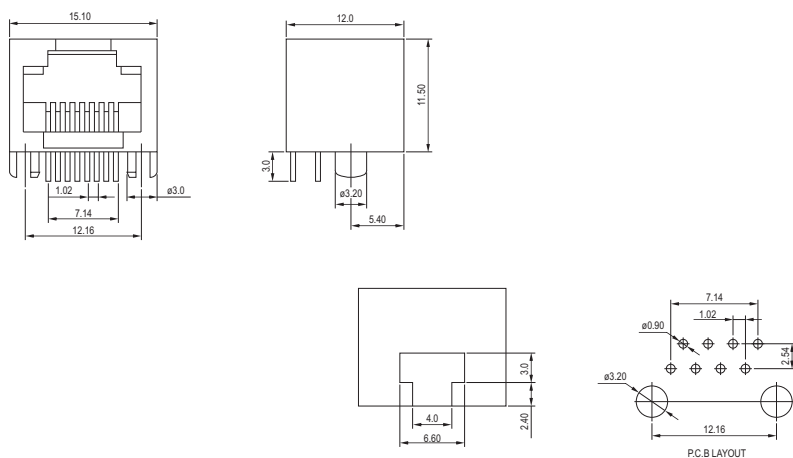


### ORDERING INFORMATION

| PSY004A-XPXC-X |                  |                 |                                                                                                                     |
|----------------|------------------|-----------------|---------------------------------------------------------------------------------------------------------------------|
| X              | X                | X               |                                                                                                                     |
| Series         | No. Of Positions | No. Of Contacts | Plating                                                                                                             |
| PSY004A        | 8,6,4            | 8,6,4,2         | 1=Gold Flash<br>2=0.75 $\mu$ Gold Plated<br>3=Gold Flash (0.075 $\mu$ )<br>6 =Gold On Contact Area<br>& Tin On Tail |

## RJ 11 MODULAR JACK, Side Entry 12mm Mini Low Profile

PSY007



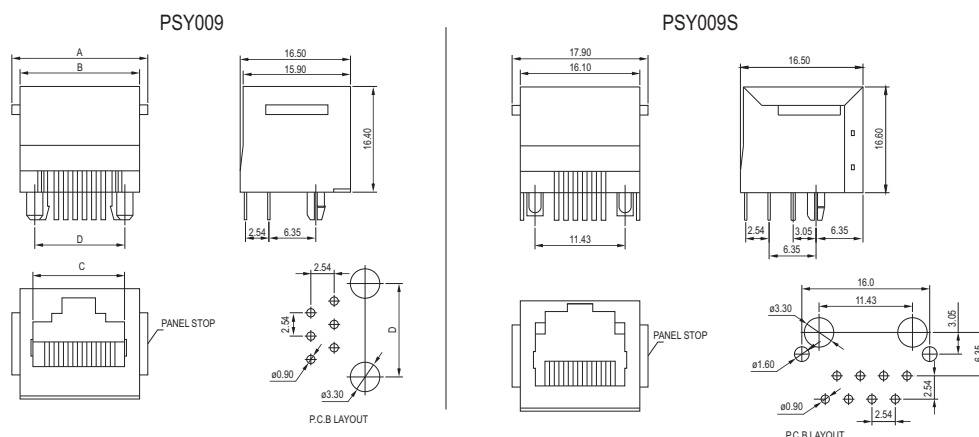
## ORDERING INFORMATION

| PSY00X-XPXC-X |                               |                  |                 |                                                                                                      |
|---------------|-------------------------------|------------------|-----------------|------------------------------------------------------------------------------------------------------|
| Series        | Type Of Jack                  | No. Of Positions | No. Of Contacts | Plating                                                                                              |
| PSY00         | 6=RJ11 L/P<br>7=RJ11 12mm L/P | 6, 4             | 6, 4, 2         | 1= Gold Flash<br>2= 0.75 $\mu$ Gold<br>3= Gold Flash(0.075)<br>6= Gold On Contact Area & Tin On Tail |

Note: L/P=low Profile

## MODULAR JACK, Top Entry

PSY009

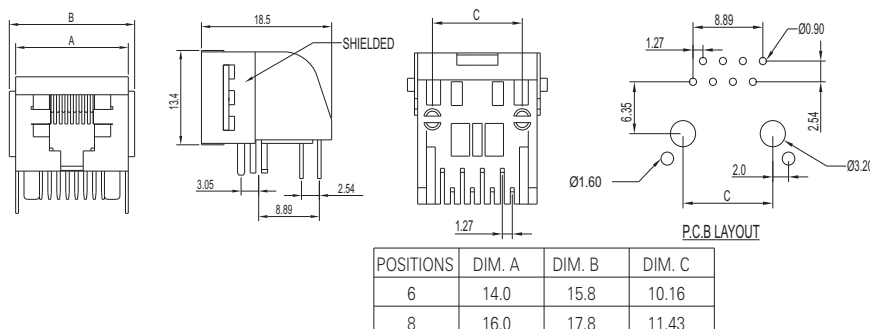


## ORDERING INFORMATION

| PSY009X-XPXCXX |                                                 |                  |                 |                                                                                                    |                                                                                                             |
|----------------|-------------------------------------------------|------------------|-----------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Series         | Shielding Option                                | No. Of Positions | No. Of Contacts | Tail Option                                                                                        | Plating                                                                                                     |
| PSY009         | '-' = Unshielded<br>With Flange<br>S = Shielded | 8, 6, 4          | 8, 6, 4         | '-' = 3.80 Mm For<br>Shielded<br>'-' = Std 3.25 Mm<br>For Unshielded<br>1 = 3.25mm For<br>Shielded | 1 = Gold Flash<br>2 = 0.75 $\mu$ Gold<br>3 = Gold Flash(0.075)<br>6 = Gold On Contact<br>Area & Tin On Tail |

## MODULAR JACK, side entry, low profile with flange, partial shielded

PSY0016S

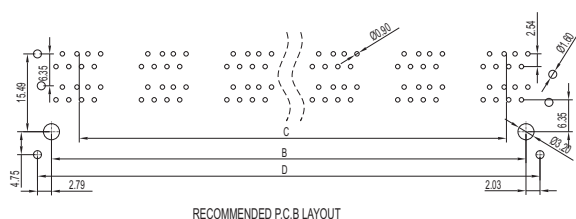
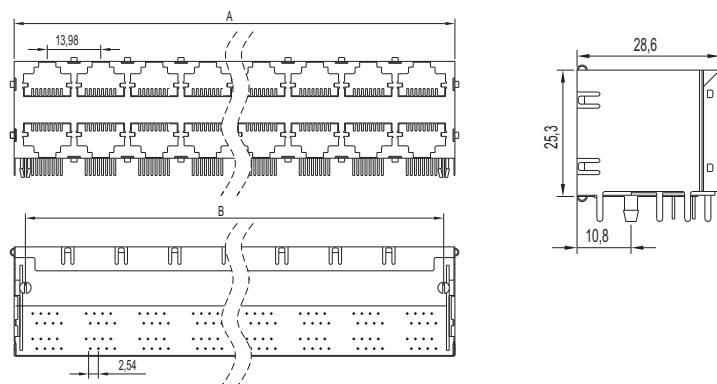


## ORDERING INFORMATION

| PSY016S-XPXC-X |                  |                 |                            |
|----------------|------------------|-----------------|----------------------------|
| Series         | No. Of Positions | No. Of Contacts | Plating                    |
| PSY016S        | 8                | 8               | 1 = Gold Flash             |
|                | 6                | 6               | 2 = 0.75 $\mu$ Gold        |
|                |                  |                 | 3 = 0.075 $\mu$ Gold Flash |
|                |                  |                 | 6 = Gold On Contact Area   |
|                |                  |                 | Tin On Solder Area         |

## MODULAR JACK, side entry, shielded, double decker

PSY017P



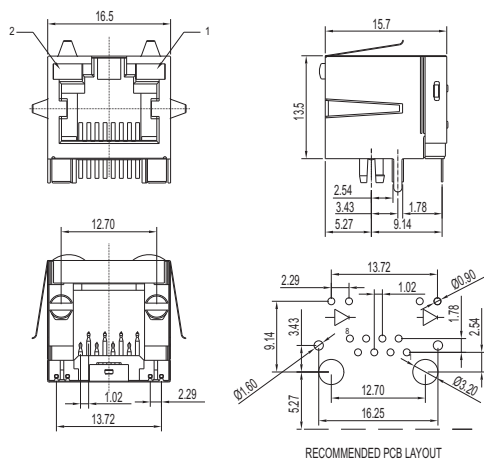
| DIMENSIONS | NO. OF PORTS |       |       |       |       |        |
|------------|--------------|-------|-------|-------|-------|--------|
|            | 2            | 4     | 6     | 8     | 12    | 16     |
| A          | 17.2         | 31.2  | 45.2  | 59.2  | 87.2  | 115.2  |
| B          | 11.43        | 25.40 | 39.37 | 53.34 | 81.28 | 109.22 |
| C          | -            | 13.98 | 27.96 | 41.94 | 69.90 | 97.86  |
| D          | 17.00        | 30.98 | 44.95 | 58.92 | 86.86 | 114.80 |

## ORDERING INFORMATION

| PSY017PXXPXC-XD |              |                  |                 |                          |
|-----------------|--------------|------------------|-----------------|--------------------------|
|                 | X            | X                | X               | X                        |
| Series          | Single Ports | No. Of Positions | No. Of Contacts | Plating                  |
| PSY017P         | 2 = 2ports   | 8                | 8               | 1 = Gold Flash           |
|                 | 4 = 4ports   | 6                | 6               | 2 = 0.75μ Gold           |
|                 | 6 = 6ports   |                  | 4               | 3 = 0.075μ Gold Flash    |
|                 | 8 = 8ports   |                  |                 | 6 = Gold On Contact Area |
|                 | 12 = 12ports |                  |                 | Tin On Solder Area       |
|                 | 16 : 16ports |                  |                 |                          |

MODULAR JACK,shielded,single port,side entry,  
with led,with panel ground tabs,

PSY018PL

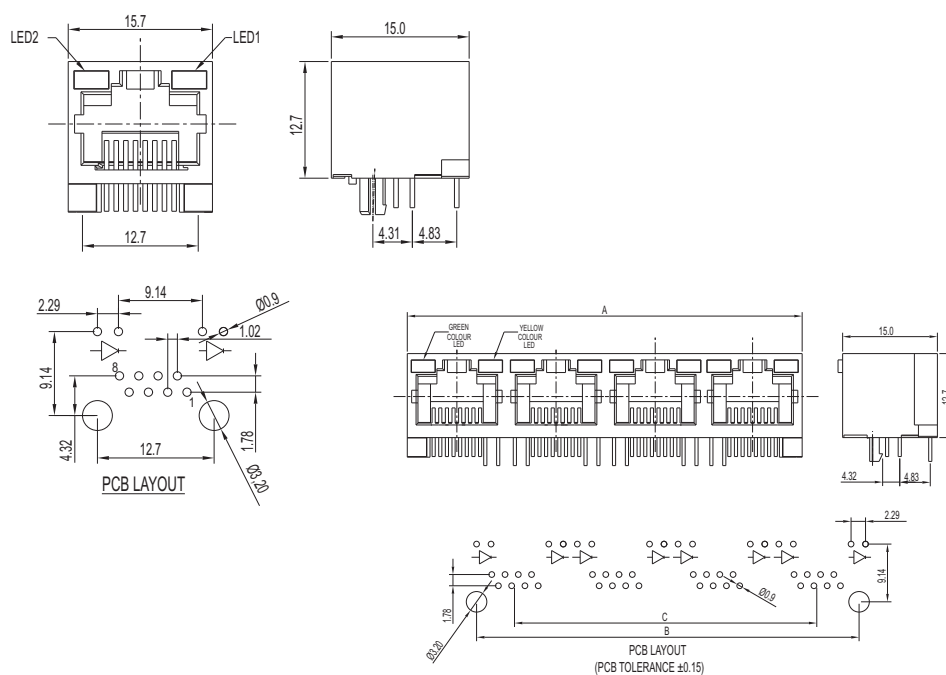


## ORDERING INFORMATION

| PSY018PLX8P8CXX |                   |                               |         |             |             |              |
|-----------------|-------------------|-------------------------------|---------|-------------|-------------|--------------|
| Series          |                   | X                             | X       | X           |             |              |
|                 |                   | Single Port                   | Plating | Led Options |             |              |
| PSY018P         | "-" = Single Port | 1 = Gold Flash (0.026 $\mu$ ) |         | Code        | Led 2[left] | Led 1[right] |
|                 | 2: 2 Ports        | 2 = 0.75 $\mu$ Gold           |         | 0           | Blocked     | Blocked      |
|                 | 4 : 4ports        | 3 = Gold Flash0.075 $\mu$     |         | A           | Yellow      | Green        |
|                 | 6 : 6ports        | 6 = Gold On Contact Area      |         | B           | Green       | Green        |
|                 | 8 : 8ports        | Tin On Solder Area            |         | C           | Blocked     | Green        |
|                 |                   |                               |         | D           | Yellow      | Blocked      |
|                 |                   |                               |         | E           | Green       | Yellow       |
|                 |                   |                               |         | F           | Yellow      | Yellow       |
|                 |                   |                               |         | G           | OR/GR       | OR/GR        |
|                 |                   |                               |         | H           | YE/GR       | YE/GR        |
|                 |                   |                               |         | I           | OR/GR       | Yellow       |

## MODULAR JACK, Side Entry, Unshielded With Led Option, Multiport

PSY019T



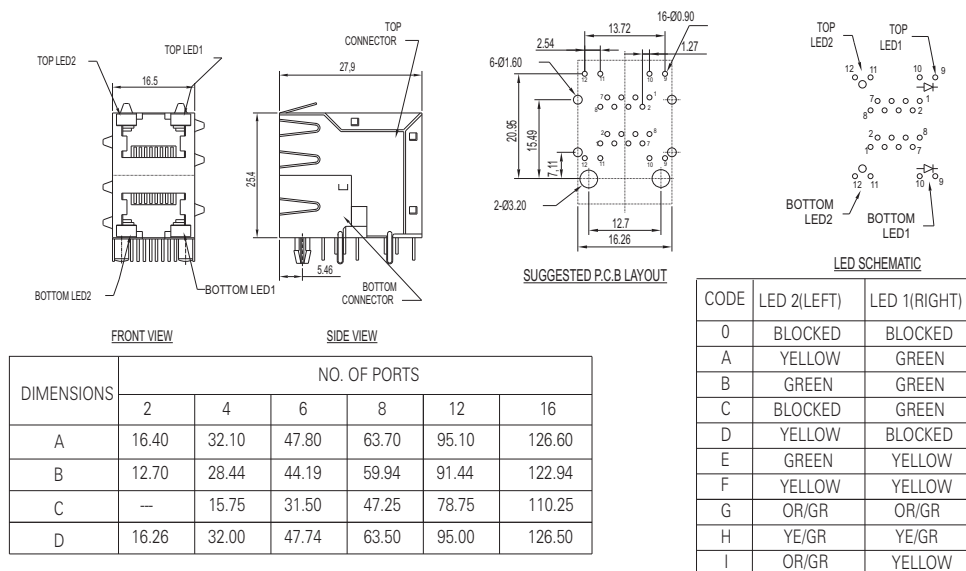
| DIMENSIONS | NO. OF PORTS |       |       |        |
|------------|--------------|-------|-------|--------|
|            | 2            | 4     | 6     | 8      |
| A          | 31.5         | 63.0  | 94.5  | 126.0  |
| B          | 28.45        | 59.95 | 91.45 | 122.95 |
| C          | 15.75        | 47.25 | 78.75 | 110.25 |

## ORDERING INFORMATION

| PSY019TX8P8C-XX |                   |                          |                  |                             |
|-----------------|-------------------|--------------------------|------------------|-----------------------------|
| Series          | X<br>Single Port  | X<br>Plating             | X<br>Led Options |                             |
| PSY018P         | "-" = Single Port | 1 = Gold Flash (0.026μ)  | Code             | Led 2[left]    Led 1[right] |
|                 | 2 : 2 Ports       | 2 = 0.75μ Gold           | 0                | Blocked    Blocked          |
|                 | 4 : 4ports        | 3 = Gold Flash0.075μ     | A                | Yellow    Green             |
|                 | 6 : 6ports        | 6 = Gold On Contact Area | B                | Green    Green              |
|                 | 8 : 8ports        | Tin On Solder Area       | C                | Blocked    Green            |
|                 |                   |                          | D                | Yellow    Blocked           |
|                 |                   |                          | E                | Green    Yellow             |
|                 |                   |                          | F                | Yellow    Yellow            |
|                 |                   |                          | G                | OR/GR    OR/GR              |
|                 |                   |                          | H                | YE/GR    YE/GR              |
|                 |                   |                          | I                | OR/GR    Yellow             |

## MODULAR JACK, Side Entry, Shielded With Panel Ground Tabs Double Decker With Led Option

PSY020P



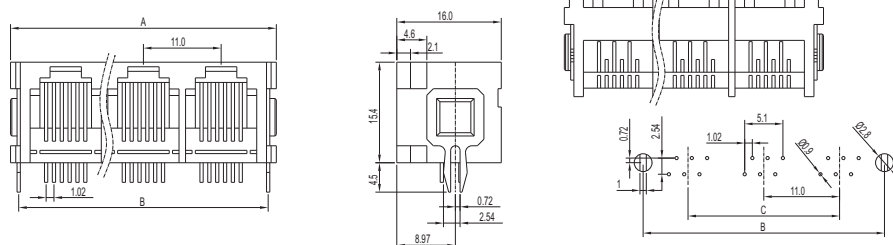
| DIMENSIONS | NO. OF PORTS |       |       |       |       |        |
|------------|--------------|-------|-------|-------|-------|--------|
|            | 2            | 4     | 6     | 8     | 12    | 16     |
| A          | 16.40        | 32.10 | 47.80 | 63.70 | 95.10 | 126.60 |
| B          | 12.70        | 28.44 | 44.19 | 59.94 | 91.44 | 122.94 |
| C          | ---          | 15.75 | 31.50 | 47.25 | 78.75 | 110.25 |
| D          | 16.26        | 32.00 | 47.74 | 63.50 | 95.00 | 126.50 |

## ORDERING INFORMATION

| PSY020PX8P8CXXD |                                                                                      |                                                                                                             |             |             |              |  |
|-----------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|--|
| Series          | No. Of Positions                                                                     | Plating                                                                                                     | Led Options |             |              |  |
| PSY020P         | 2 = 2ports<br>4 = 4ports<br>6 = 6ports<br>8 = 8ports<br>12 = 12ports<br>16 = 16ports | 1 = Gold Flash<br>2 = 0.75µ Gold<br>3 = 0.075µ Gold Flash<br>6 = Gold On Contact Area<br>Tin On Solder Area | CODE        | LED 2[LEFT] | LED 1[RIGHT] |  |
|                 |                                                                                      |                                                                                                             | 0           | BLOCKED     | BLOCKED      |  |
|                 |                                                                                      |                                                                                                             | A           | YELLOW      | GREEN        |  |
|                 |                                                                                      |                                                                                                             | B           | GREEN       | GREEN        |  |
|                 |                                                                                      |                                                                                                             | C           | BLOCKED     | GREEN        |  |
|                 |                                                                                      |                                                                                                             | D           | YELLOW      | BLOCKED      |  |
|                 |                                                                                      |                                                                                                             | E           | GREEN       | YELLOW       |  |
|                 |                                                                                      |                                                                                                             | F           | YELLOW      | YELLOW       |  |
|                 |                                                                                      |                                                                                                             | G           | OR/GR       | OR/GR        |  |
|                 |                                                                                      |                                                                                                             | H           | YE/GR       | YE/GR        |  |
|                 |                                                                                      |                                                                                                             | I           | OR/GR       | YELLOW       |  |

## MODULAR JACK, Side Entry, Unshielded With Metal Pegs

PSY021



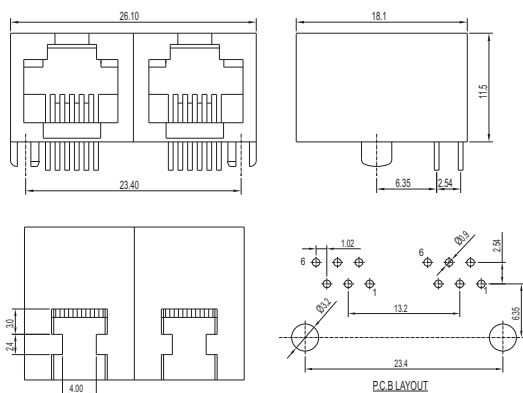
| DIMENSIONS | NO. OF PORTS |      |      |      |      |      |      |
|------------|--------------|------|------|------|------|------|------|
|            | 2            | 3    | 4    | 5    | 6    | 7    | 8    |
| A          | 28.0         | 39.0 | 50.0 | 61.0 | 72.0 | 83.0 | 94.0 |
| B          | 24.5         | 35.5 | 46.5 | 57.5 | 68.5 | 79.5 | 90.5 |
| C          | 11.0         | 22.0 | 33.0 | 44.0 | 55.0 | 66.0 | 77.0 |

## ORDERING INFORMATION

| PSY021-X6PXC-XX |                                                                                                |                 |                                                                                                |                                           |
|-----------------|------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------|-------------------------------------------|
| Series          | X                                                                                              | X               | X                                                                                              | X                                         |
|                 | No. Of Ports                                                                                   | No. Of Contacts | Plating                                                                                        | Housing Colour                            |
| PSY021          | 2 = 2ports<br>3 = 3ports<br>4 = 4ports<br>5 = 5ports<br>6 = 6ports<br>7 = 7ports<br>8 = 8ports | 6<br>4          | 1 = Gold Flash (0.026μ)<br>2 = 0.75μ Gold<br>3 = 0.075μ Gold Flash<br>6 = Gold On Contact Area | Blank = Grey Colour<br>'B' = Black Colour |

## MODULAR JACK, Side Entry, Unshielded, Dual Port

PSY022D

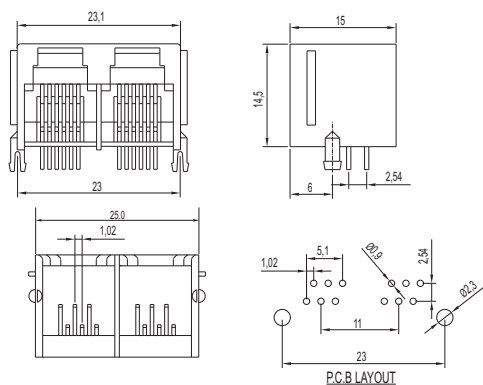


## ORDERING INFORMATION

| PSY022D-XPXC-X |                  |                 |                                                                                                                      |
|----------------|------------------|-----------------|----------------------------------------------------------------------------------------------------------------------|
| Series         | X                | X               | X                                                                                                                    |
|                | No. Of Positions | No. Of Contacts | Plating                                                                                                              |
| PSY022D        | 6<br>4           | 6<br>4          | 1 = Gold Flash (0.026μ)<br>2 = 0.75μ Gold<br>3 = 0.075μ Gold Flash<br>6 = Gold On Contact Area<br>Tin On Solder Area |

## MODULAR JACK, Side Entry, Very Low Profile, Unshielded, Dual Port

PSY003LD



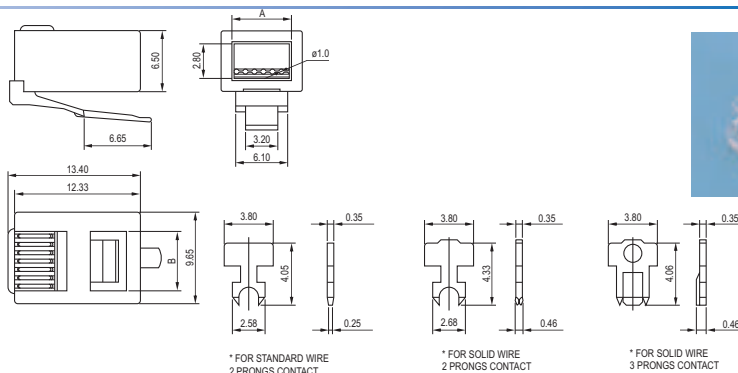
## ORDERING INFORMATION

| PSY003LD-XPXC-X |                  |                 |                                                                                                     |
|-----------------|------------------|-----------------|-----------------------------------------------------------------------------------------------------|
| Series          | No. Of Positions | No. Of Contacts | Plating                                                                                             |
| PSY003LD        | 6                | 6               | 1 = Gold Flash (0.026 $\mu$ )                                                                       |
|                 | 4                | 4               | 2 = 0.75 $\mu$ Gold<br>3 = 0.075 $\mu$ Gold Flash<br>6 = Gold On Contact Area<br>Tin On Solder Area |

## Modular plug

P7020X

| No. of contacts | A    | B    |
|-----------------|------|------|
| 6P2C            | 5.20 | 5.10 |
| 6P4C            | 5.20 | 5.10 |
| 6P6C            | 7.10 | 6.20 |



## ORDERING INFORMATION

| P7020X-XX-X X |                     |                                 |                                                                                                                                                                                                                                              |                                                                                                          |
|---------------|---------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Series        | No. Of Positions    | No. Of Contacts                 | Housing & Contact Type                                                                                                                                                                                                                       | Plating                                                                                                  |
| P7020         | A=10,<br>8 For RJ45 | 10, 08, 06, 04, 02<br>For RJ 45 | 2= 2 Prongs For Stranded Wire For<br>Round Cable<br>5= 2 Prongs For Solid Wire For<br>Round Cable<br>6=3 Prongs For Solid Wire For<br>Round Cable<br>7=3 Prongs For Solid Wire For Flat Cable<br>8=2 Prongs For Stranded Wire For Flat Cable | 1=gold Flash<br>2=0.15 Microns Gold<br>3=0.38 Microns Gold<br>4=0.76 Microns Gold<br>5=1.27 Microns Gold |
|               | 6, 4 For RJ11       | 06, 04, 02 For RJ11             |                                                                                                                                                                                                                                              |                                                                                                          |