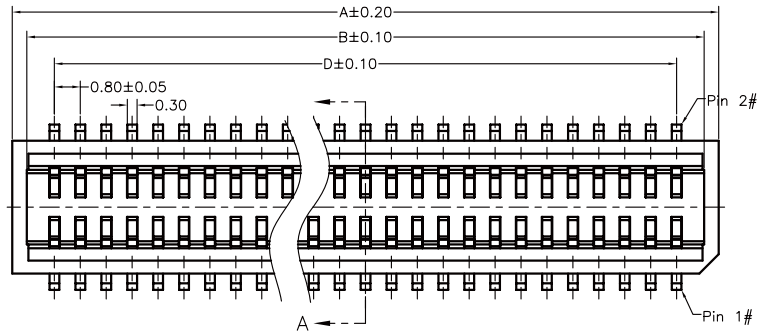


## Specifications

Current Rating:0.5A AC/DC

Voltage Rating:100V AC/DC

Contact Resistance:40m ohm. Max

Insulation Resistance:100Mohm min

Withstanding Voltage:500V(r.m.s) For one Minute

Operating Temperature Range:-40°C to 105°C

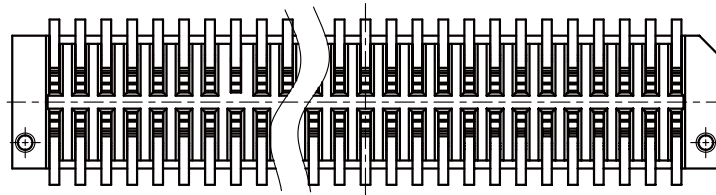
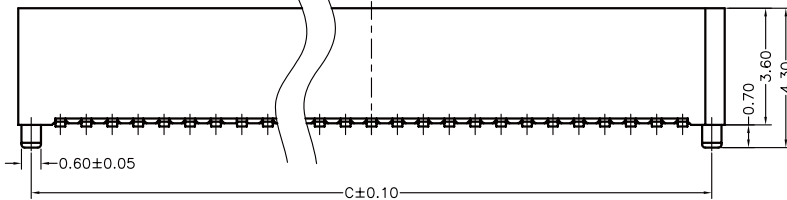
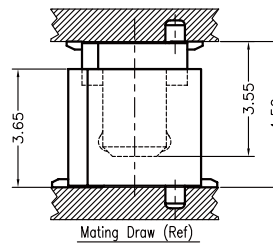
Materials:

Insulator:High Temp. Plastic(Nylon 46 UL94V-0)

Color:White

Contact :Phosphor Bronze

Plated:Gold Plated

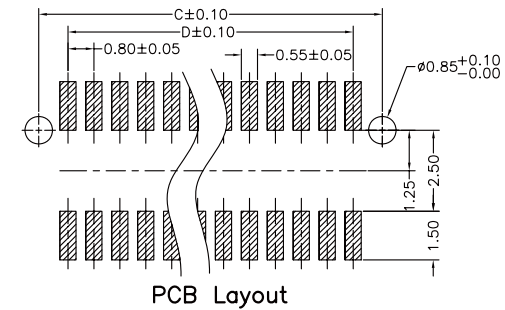


Contacts Dimensions

| Number of Position | A     | B     | C     | D     | Number of Position | A     | B     | C     | D     |
|--------------------|-------|-------|-------|-------|--------------------|-------|-------|-------|-------|
| 10                 | 5.80  | 4.90  | 5.00  | 3.20  | 34                 | 15.40 | 14.50 | 14.60 | 12.80 |
| 12                 | 6.60  | 5.70  | 5.80  | 4.00  | 36                 | 16.20 | 15.30 | 15.40 | 13.60 |
| 14                 | 7.40  | 6.50  | 6.60  | 4.80  | 38                 | 17.00 | 16.10 | 16.20 | 14.40 |
| 16                 | 8.20  | 7.30  | 7.40  | 5.60  | 40                 | 17.80 | 16.90 | 17.00 | 15.20 |
| 18                 | 9.00  | 8.10  | 8.20  | 6.40  | 50                 | 21.80 | 20.90 | 21.00 | 19.20 |
| 20                 | 9.80  | 8.90  | 9.00  | 7.20  | 60                 | 25.80 | 24.90 | 25.00 | 23.20 |
| 22                 | 10.60 | 9.70  | 9.80  | 8.00  | 68                 | 29.00 | 28.10 | 28.20 | 26.40 |
| 24                 | 11.40 | 10.50 | 10.60 | 8.80  | 70                 | 29.80 | 28.90 | 29.00 | 27.20 |
| 26                 | 12.20 | 11.30 | 11.40 | 9.60  | 80                 | 33.80 | 32.90 | 33.00 | 31.20 |
| 28                 | 13.00 | 12.10 | 12.20 | 10.40 | 90                 | 37.80 | 36.90 | 37.00 | 35.20 |
| 30                 | 13.80 | 12.90 | 13.00 | 11.20 | 100                | 41.80 | 40.90 | 41.00 | 39.20 |
| 32                 | 14.60 | 13.70 | 13.80 | 12.00 |                    |       |       |       |       |

\*\*Mating Height Dimension

| P/N(Plug)         | P/N(Socket)       | Socket Height Dim | Mating Height Dim |
|-------------------|-------------------|-------------------|-------------------|
| NP0820-PV365P-xxx | NP0820-SV085P-xxx | 3.55              | 4.50              |



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PCB CONNECTORS  
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煜倫股份有限公司

www.morethanall.com

RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

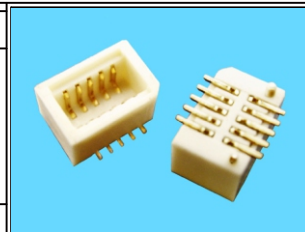
DATE

SIZE A4

PPOJECTION

TOLERANCES ARE

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±



## ORDER INFORMATION

NP0820-PV365P-xxx-LF

SERIES

LEADFREE

010~100WAY

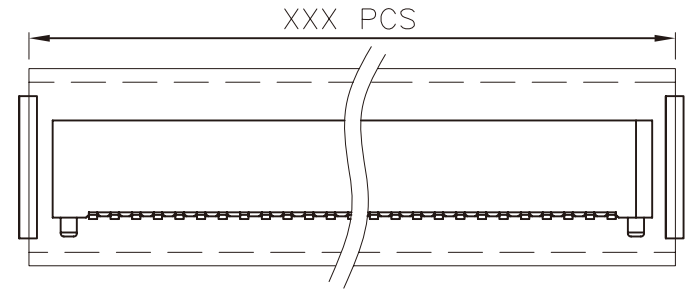
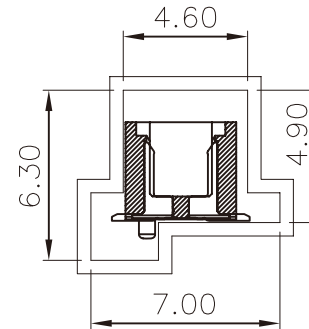
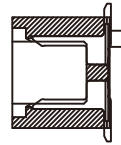
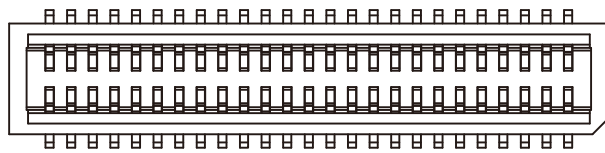
POST

UNMATED HIGH/ 3.65mm

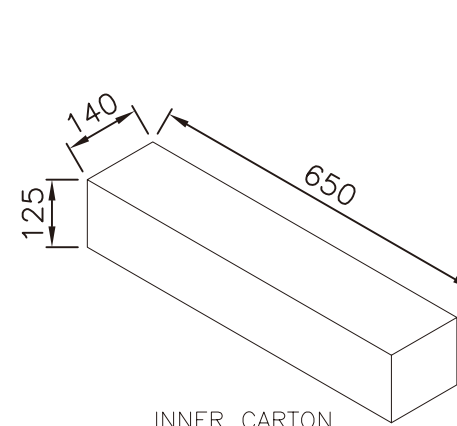
180°SMT

MALE

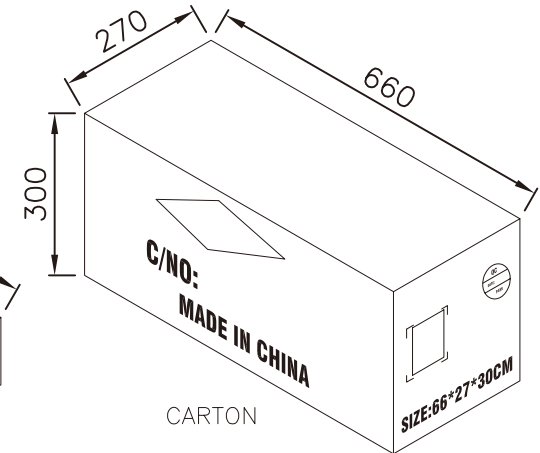
DESCRIPTION:0.8mm Board To Board Plug 3.65mm Height



| Pin. | Pcs/Tube | Pcs/Inner Carton | Pcs/Carton | Pin. | Pcs/Tube | Pcs/Inner Carton | Pcs/Carton |
|------|----------|------------------|------------|------|----------|------------------|------------|
| 10   | 98       | 17640            | 70560      | 34   | 38       | 6840             | 27360      |
| 12   | 87       | 15660            | 62640      | 36   | 36       | 6480             | 25920      |
| 14   | 78       | 14040            | 56160      | 38   | 35       | 6300             | 25200      |
| 16   | 71       | 12780            | 51120      | 40   | 33       | 5940             | 23760      |
| 18   | 65       | 11700            | 46800      | 50   | 27       | 4860             | 19440      |
| 20   | 60       | 10800            | 43200      | 60   | 23       | 4140             | 16560      |
| 22   | 55       | 9900             | 39600      | 68   | 20       | 3600             | 14400      |
| 24   | 52       | 9360             | 37440      | 70   | 20       | 3600             | 14400      |
| 26   | 48       | 8640             | 34560      | 80   | 18       | 3240             | 12960      |
| 28   | 45       | 8100             | 32400      | 90   | 16       | 2880             | 11520      |
| 30   | 43       | 7740             | 30960      | 100  | 14       | 2520             | 10080      |
| 32   | 41       | 7380             | 29520      |      |          |                  |            |



INNER CARTON



CARTON

Note:

1.Dimension

Tube Size: L=635mm

Inner Carton Size: 650(L)X140(W)X125(H) (mm)

Carton Size: 660(L)X270(W)X300(H) (mm)

2.Quantity:

180 Tube/Inner Carton

4 Inner Carton/Carton

RoHS Compliant

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

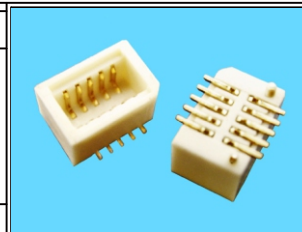
SCALE 1:1

DATE

SIZE A4

PPOJECTION

X. ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±



ORDER INFORMATION

NP0820-PV365P-xxx-LF

SERIES

1

2

3

4

5

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14

15

16

17

18

19

20

LEADFREE

010~100WAY

POST

UNMATED HIGH/ 3.65mm

180°SMT

MALE

DESCRIPTION: 0.8mm Board To Board Plug Packing List