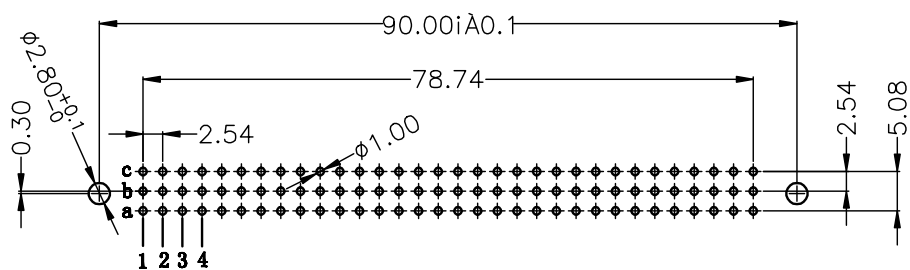
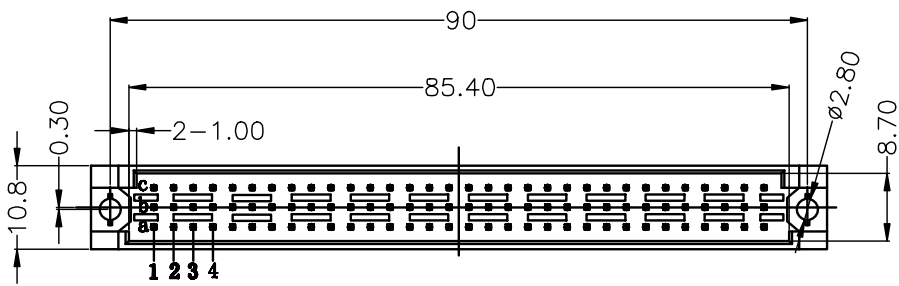
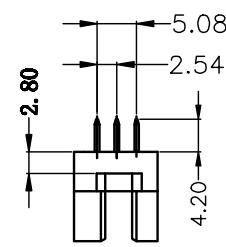
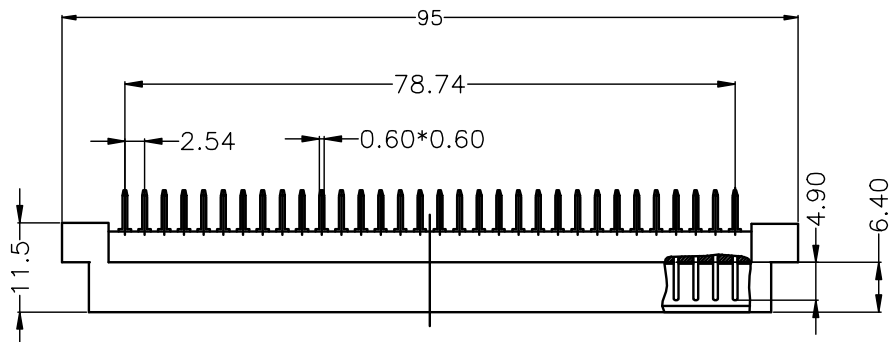


RoHS Compliant Customer Drawing

| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
|------|---------|-------------|------|--------|
|      |         |             |      |        |



PCB LAYOUT(RECOMMENDED)  
(TOP VIEW TOL. :±0.05)

**SPECIFICATION**

**MATERIAL**

Housing: PBT+30%G. F UL94V-0

Contacts: Brass

**CONTACT PLATING**

G= GOLD FLASH PLATED ALL OVER, Ni UNDER PLATED ALL OVER.

T= TIN PLATED ALL OVER, Ni UNDER PLATED ALL OVER.

S= GOLD FLASH PLATED ON CONTACT AREA, TIN PLATED ON SOLDER TAIL, Ni UNDER PLATED ALL OVER.

A=5u" (Selective) R=3u" (Selective)

B=10u" (Selective) P=8u" (Selective)

C=15u" (Selective) E=2u" (Semi-Gold Matte Tin)

D=30u" (Selective) F=3u" (Semi-Gold Matte Tin)

V=1u" (Selective) U=5u" (Semi-Gold Matte Tin)

N=3u" (Gold)

**ELECTRICAL**

Current rating: 2 Amps .

Contact resistance: 20 mΩ initial

Insulation resistance: 1000 MΩ min @ 500 VDC

Dielectric withstanding voltage: 1000 VAC / minute

Operating temperature: -40° C TO +105° C

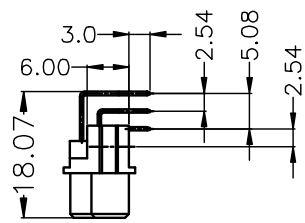
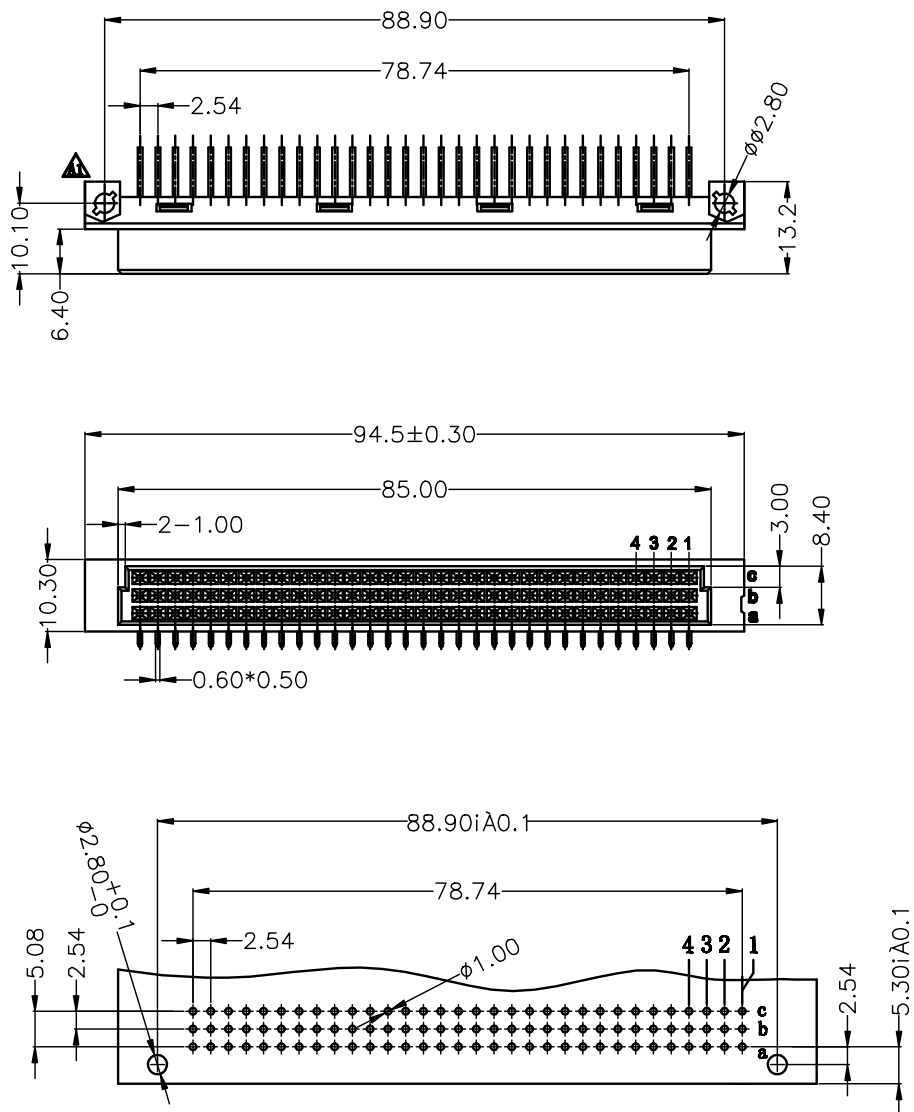
Part no. A02 A - 096 M X S 3 A X X  
1 2 3 4 5 6 7 8 9 10

- 1. SERIES NO.
- 2. TYPE:  
A=Standard
- 3. CONTACT NUMBER
- 4. CONTACT TYPE:  
M=Male
- 5. CONTACT AREA PLATING:  
SEE SPECIFICATION
- 6. FUNCTION OPTION:  
S=STRAIGHT
- 7. PROCESS OPTION:  
3=3\*32 Housing (Male=180° Female=90°)
- 8. ROW SPACING:  
A=2.54mm (a+b+c满针)
- 9. CONTACT LENGTH:  
F=3.50mm  
H=4.20mm
- 10. INSULATOR COLOR:  
5=BEIGE  
A=Champagne

| 公差一览表<br>TOLERANCE UNLESS OTHERWISE |       |        |       | nextion®<br>CONNECTOR |            | 诺凌电子有限公司<br>NOXTLON ELECTRONIC CO.,LTD |     |                  |                        |
|-------------------------------------|-------|--------|-------|-----------------------|------------|--|-----|------------------|------------------------|
| X.                                  | ±0.35 | X*.    | ±5°   | 单位<br>UNITS           | mm         | 制图<br>DRAWING                          | 姚登攀 | 产品名称<br>TMS      | 欧式插座 396 C型<br>180度 公座 |
| .X                                  | ±0.30 | .X*.   | ±2°   | 角法<br>VIEW            |            | 设计<br>DESIGN                           | 姚登攀 | 产品料号<br>PART NO. | A02A-096MXS3AXX        |
| .XX                                 | ±0.25 | .XX*.  | ±1°   | 比例<br>SCALE           | 1:1        | 审核<br>CHECK                            |     | 图号<br>DRAW NO.   | A02A-096MXS3AXX-A0     |
| .XXX                                | ±0.02 | .XXX*. | ±0.5° | 日期<br>DATE            | 2009.09.15 | 版本<br>APPD                             |     |                  |                        |

RoHS Compliant Customer Drawing

| REV. | ECN NO.     | DESCRIPTION | DATE       | DESIGN |
|------|-------------|-------------|------------|--------|
| A1   | 20120530001 | 鱼叉孔变更八字形    | 2012.05.30 | 管正志    |



**SPECIFICATION**

**MATERIAL**

Housing: PBT+30%G.F UL94V-0

Contacts: PhosPhor Bronze

**CONTACT PLATING**

G= GOLD FLASH PLATED ALL OVER, Ni UNDER PLATED ALL OVER.

T= TIN PLATED ALL OVER, Ni UNDER PLATED ALL OVER.

S= GOLD FLASH PLATED ON CONTACT AREA, TIN

PLATED ON SOLDER TAIL, Ni UNDER PLATED ALL OVER.

A=5u" (Selective)

R=3u" (Selective)

B=10u" (Selective)

P=8u" (Selective)

C=15u" (Selective)

E=2u" (Semi-Gold Matte Tin)

D=30u" (Selective)

F=3u" (Semi-Gold Matte Tin)

V=1u" (Selective)

U=5u" (Semi-Gold Matte Tin)

N=3u" (Gold)

**ELECTRICAL**

Current rating: 2 Amps .

Contact resistance: 20 mΩ initial

Insulation resistance: 1000 MΩ min @ 500 VDC

Dielectric withstanding voltage: 1000 VAC / minute

Operating temperature: -40° C TO +105° C

Part no. A02 A - 096 F X R 3 A E X  
 1 2 3 4 5 6 7 8 9 10

**1. SERIES NO.**

**7. PROCESS OPTION:**

**2. TYPE:**

3=3\*32 Housing (Male=180°  
 Female=90°)

A=Standard

**3. CONTACT NUMBER**

**8. ROW SPACING:**

**4. CONTACT TYPE:**

A=2.54mm (a+b+c 满针)

F=Female

**5. CONTACT AREA PLATING:**

**9. CONTACT LENGTH:**

SEE SPECIFICATION

E=3.0mm

**6. FUNCTION OPTION:**

**10. INSULATOR COLOR:**

R=Right angle

5=BEIGE

A=Champagne

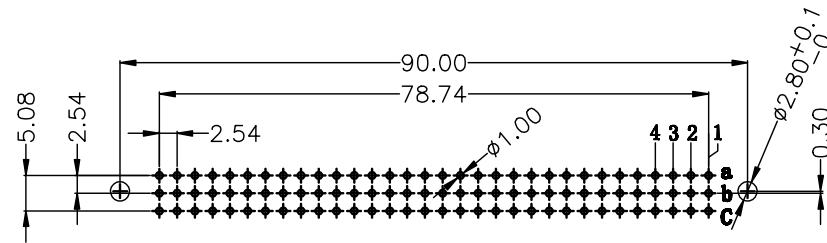
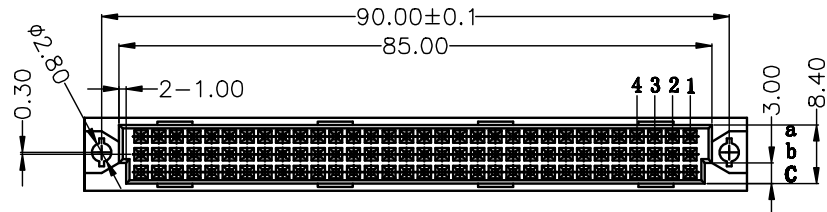
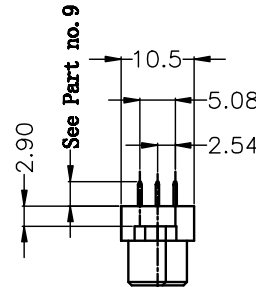
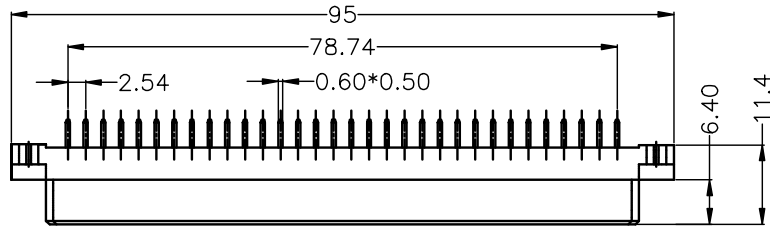
PCB LAYOUT(RECOMMENDED)

(TOP VIEW TOL. :±0.05)

| 公差一览表                      |            |        |       | nextion®    |     | 诺凌电子有限公司                   |     |                  |                    |
|----------------------------|------------|--------|-------|-------------|-----|----------------------------|-----|------------------|--------------------|
| TOLERANCE UNLESS OTHERWISE |            |        |       | CONNECTOR   |     | NOXTLON ELECTRONIC CO.,LTD |     |                  |                    |
| X.                         | ±0.35      | X*.    | ±5°   | 单位<br>UNITS | mm  | 制图<br>DRAWING              | 管正志 | 产品名称<br>NAME     | 欧式插座 396 S型 母弯     |
| .X                         | ±0.30      | .X*.   | ±2°   | 角法<br>VIEW  | ⊕   | 设计<br>DESIGN               | 管正志 | 产品料号<br>PART NO. | A02A-096FXR3AEX    |
| .XX                        | ±0.25      | .XX*.  | ±1°   | 比例<br>SCALE | 1:1 | 审核<br>CHECK                |     | 图号<br>DRAW NO.   | A02A-096FXR3AEX-A1 |
| .XXX                       | ±0.02      | .XXX*. | ±0.5° | 版本<br>VER   | A1  | 核准<br>APPD                 |     |                  |                    |
| DATE                       | 2012.05.30 |        |       |             |     |                            |     |                  |                    |

RoHS Compliant Customer Drawing

| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
|------|---------|-------------|------|--------|
|      |         |             |      |        |



PCB LAYOUT(RECOMMENDED)  
(TOP VIEW TOL. :±0.05)

**SPECIFICATION**

**MATERIAL**

Housing:PBT+30%G.F UL94V-0

Contacts:PhosPhor Bronze

**CONTACT PLATING**

G=GOLD FLASH PLATED ALL OVER,N1 UNDER PLATED ALL OVER.

T=TIN PLATED ALL OVER,N1 UNDER PLATED ALL OVER.

S=GOLD FLASH PLATED ON CONTACT AREA,TIN PLATED ON SOLDER TAIL,N1 UNDER PLATED ALL OVER.

A=5u" (Selective)

R=3u" (Selective)

B=10u" (Selective)

P=8u" (Selective)

C=15u" (Selective)

E=2u" (Semi-Gold Matte Tin)

D=30u" (Selective)

F=3u" (Semi-Gold Matte Tin)

V=1u" (Selective)

U=5u" (Semi-Gold Matte Tin)

N=3u" (Gold)

**ELECTRICAL**

Current rating: 2 Amps .

Contact resistance: 20 mΩ initial

Insulation resistance: 1000 MΩ min @ 500 VDC

Dielectric withstanding voltage: 1000 VAC / minute

Operating temperature: -40° C TO +105° C

Part no. **A82 A - 096 F X S F A X X**  
1 2 3 4 5 6 7 8 9 10

1. SERIES NO.

2. TYPE:

A=Standard

3. CONTACT NUMBER

4. CONTACT TYPE:

F=Female

5. CONTACT AREA PLATING:

SEE SPECIFICATION

6. FUNCTION OPTION:

S=STRAIGHT

7. PROCESS OPTION:

F=3\*32 Housing (Male=90° Female=180°)

8. ROW SPACING:

A=2.54mm(a+b+c)

9. CONTACT LENGTH:

A=2.8mm

B=4.0mm

F=3.5mm

10. INSULATOR COLOR:

5=BEIGE

A=Champagne

|                                     |       |        |       |                       |            |  |     |                  |                            |
|-------------------------------------|-------|--------|-------|-----------------------|------------|--|-----|------------------|----------------------------|
| 公差一览表<br>TOLERANCE UNLESS OTHERWISE |       |        |       | nextion®<br>CONNECTOR |            | 诺凌电子有限公司<br>NOXTLON ELECTRONIC CO.,LTD |     |                  |                            |
| X.                                  | ±0.35 | X*.    | ±5°   | 单位<br>UNITS           | mm         | 制图<br>DRAWING                          | 姚登攀 | 产品名称<br>NAME     | 欧式插座 396 0.5SB型<br>180度 母座 |
| .X                                  | ±0.30 | .X*.   | ±2°   | 角法<br>VIEW            |            | 设计<br>DESIGN                           | 姚登攀 | 产品料号<br>PART NO. | A82A-096FVSFAB5            |
| .XX                                 | ±0.25 | .XX*.  | ±1°   | 比例<br>SCALE           | 1:1        | 审核<br>CHECK                            |     | 图号<br>DRAW NO.   | A82A-096FVSFAB5-A0         |
| .XXX                                | ±0.10 | .XXX*. | ±0.5° | 日期<br>DATE            | 2009.09.15 | 版本<br>VER                              | A0  |                  |                            |

RoHS Compliant Customer Drawing

| REV. | ECN NO. | DESCRIPTION | DATE         | DESIGN |
|------|---------|-------------|--------------|--------|
| A1   |         | 依标准修改尺寸     | 2019. 11. 12 | 蒋伟     |

**SPECIFICATION**

**MATERIAL**

Housing:PBT+30%G.F UL94V-0 Color:BEIGE

Contacts:Brass

**CONTACT PLATING**

G=GOLD FLASH PLATED ALL OVER,N1 UNDER PLATED ALL OVER.

T=TIN PLATED ALL OVER,N1 UNDER PLATED ALL OVER.

S=GOLD FLASH PLATED ON CONTACT AREA, TIN

PLATED ON SOLDER TAIL,N1 UNDER PLATED ALL OVER.

A=5u" (Selective)

R=3u" (Selective)

B=10u" (Selective)

P=8u" (Selective)

C=15u" (Selective)

E=2u" (Semi-Gold Matte Tin)

D=30u" (Selective)

F=3u" (Semi-Gold Matte Tin)

V=1u" (Selective)

U=5u" (Semi-Gold Matte Tin)

N=3u" (Gold)

**ELECTRICAL**

Current rating: 2 Amps .

Contact resistance: 20 mΩ initial

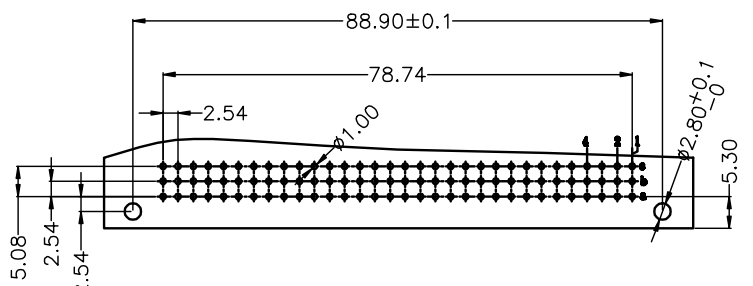
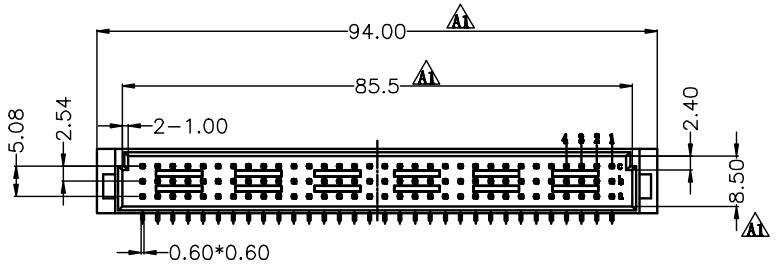
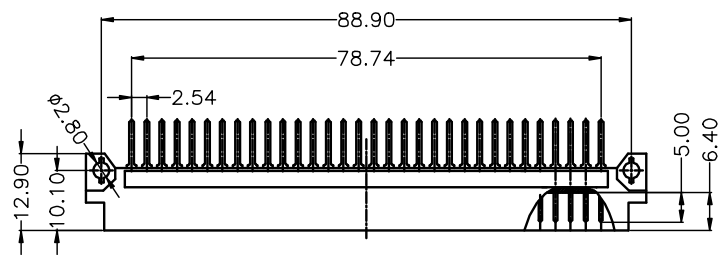
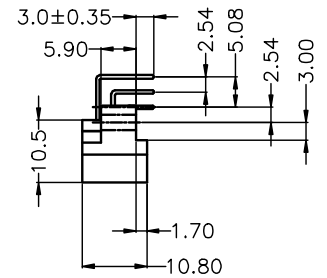
Insulation resistance: 1000 MΩ min @ 500 VDC

Dielectric withstanding voltage: 1000 VAC / minute

Operating temperature: -40° C TO +105° C

Part no. A82 A - 096 M V R F A E 5  
 1 2 3 4 5 6 7 8 9 10

- SERIES NO.
- TYPE:  
A=Standard
- CONTACT NUMBER
- CONTACT TYPE:  
M=Male
- CONTACT AREA PLATING:  
SEE SPECIFICATION
- FUNCTION OPTION:  
R=Right angle
- PROCESS OPTION:  
F=3\*32 Housing (Male=90°  
Female=180°)
- ROW SPACING:  
A=2.54mm(a+b+c)
- CONTACT LENGTH:  
E=3.0mm(Right angle only)
- INSULATOR COLOR:  
5=BEIGE  
A=Champagne



PCB LAYOUT(RECOMMENDED)  
(TOP VIEW TOL. :±0.05)

| 公差一览表                      |              |        |       |
|----------------------------|--------------|--------|-------|
| TOLERANCE UNLESS OTHERWISE |              |        |       |
| X.                         | ±0.35        | X°.    | ±5°   |
| .X                         | ±0.30        | .X°.   | ±2°   |
| .XX                        | ±0.25        | .XX°.  | ±1°   |
| .XXX                       | ±0.02        | .XXX°. | ±0.5° |
| DATE                       | 2019. 11. 12 |        |       |

**nextion** 诺凌电子有限公司  
CONNECTOR NOXTLON ELECTRONIC CO.,LTD

|          |           |            |    |               |                    |
|----------|-----------|------------|----|---------------|--------------------|
| 单位 UNITS | mm        | 制图 DRAWING | 蒋伟 | 产品名称 NAME     | 欧式插座 396 B型        |
| 角法 VIEW  | 设计 DESIGN | 蒋伟         |    | 90度 公座        |                    |
| 比例 SCALE | 1:1       | 审核 CHECK   |    | 产品料号 PART NO. | A82A-096MVRFAE5    |
| 版本 VER   | A1        | 核准 APPD    |    | 图号 DRAW NO.   | A82A-096MVRFAE5-A0 |