

RoHS Compliant Customer Drawing

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN

**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

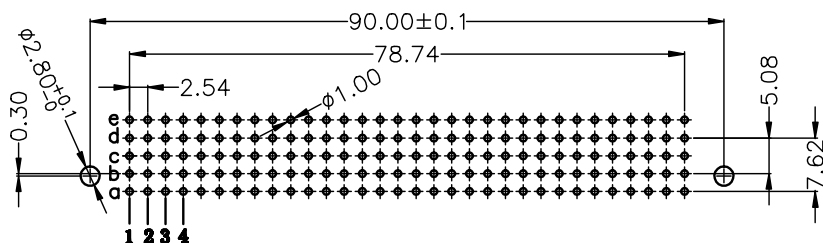
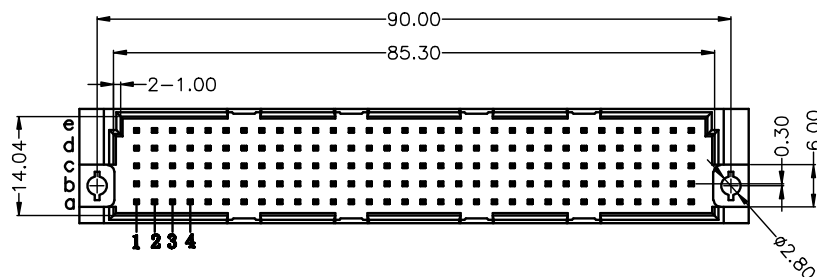
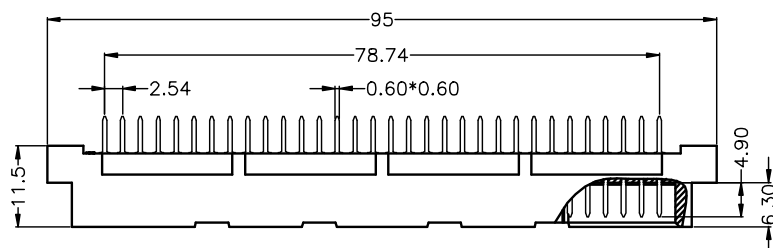
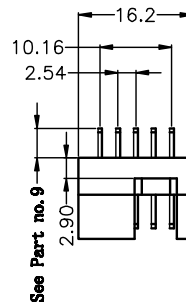
Insulation resistance: 1000 MΩ min @ 500 VDC

Dielectric withstanding voltage: 1000 VAC / minute

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

Part no. A04 A - 160 M X S O A X X  
 1 2 3 4 5 6 7 8 9 10

- |                                               |                                                |
|-----------------------------------------------|------------------------------------------------|
| 1. SERIES NO.                                 | 7. PROCESS OPTION:                             |
| 2. TYPE:<br>A=Standard                        | 0=Non Distribution                             |
| 3. CONTACT NUMBER                             | 8. ROW SPACING:<br>A=2.54mm (a+b+c+d+e 满针)     |
| 4. CONTACT TYPE:<br>M=Male                    | 9. CONTACT LENGTH:<br>F=3.50mm<br>H=4.20mm     |
| 5. CONTACT AREA PLATING:<br>SEE SPECIFICATION | 10. INSULATOR COLOR:<br>5=BEIGE<br>A=Champagne |
| 6. FUNCTION OPTION:<br>S=STRAIGHT             |                                                |

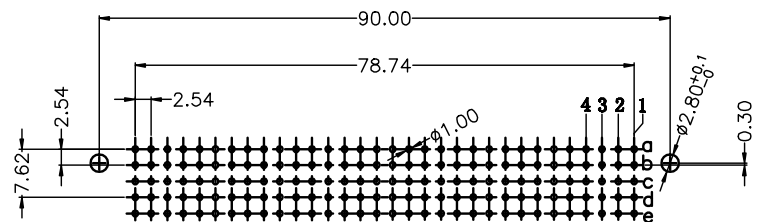
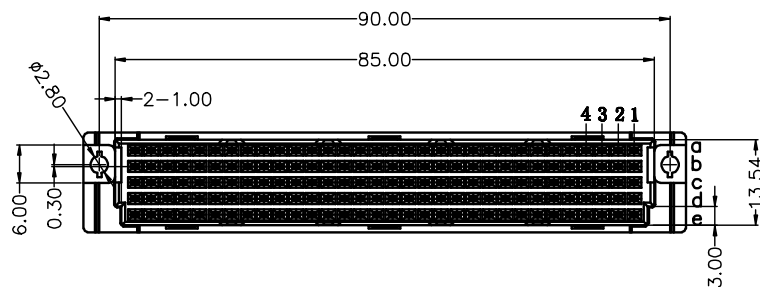
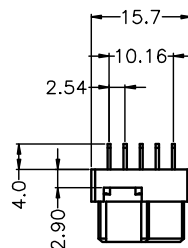
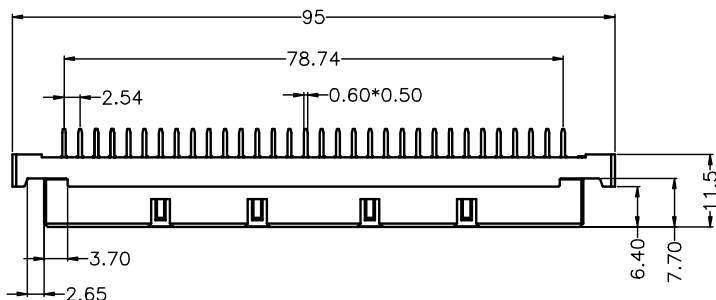


PCB LAYOUT(RECOMMENDED)  
 (TOP VIEW TOL. :±0.05)

公差一览表 TOLERANCE UNLESS OTHERWISE				nextion® CONNECTOR		诺凌电子有限公司 NOXTLON ELECTRONIC CO.,LTD			
X.	±0.35	X°	±5°	单位 UNITS	mm	制图 DRAWING	蒋伟	产品名称 TME	欧式插座 160P 直针
.X	±0.30	.X°	±2°	角法 VIEW	⊕	设计 DESIGN	蒋伟	产品料号 PART NO.	A04A-160MXSOAF5
.XX	±0.25	.XX°	±1°	比例 SCALE	1:1	审核 CHECK		图号 DRAW NO.	A04A-160MXSOAF5-A0
.XXX	±0.02	.XXX°	±0.5°	日期 DATE	2017.05.29	版本 APPD	AO		

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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



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

**SPECIFICATION**

**MATERIAL**

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

Contacts:PhosPhor Bronze

**CONTACT PLATING**

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

**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.    A04 A - 160 F E S 0 A B 5  
                  1    2        3  4 5 6 7 8 9 10

- |                          |                      |
|--------------------------|----------------------|
| 1. SERIES NO.            | 7. PROCESS OPTION:   |
| 2. TYPE:                 | 0=Non Distribution   |
| A=Standard               | 8. ROW SPACING:      |
| 3. CONTACT NUMBER        | A=2.54mm (a+b+c+d+e) |
| 4. CONTACT TYPE:         | 9. CONTACT LENGTH:   |
| F=Female                 | B=4.0mm              |
| 5. CONTACT AREA PLATING: | 10. INSULATOR COLOR: |
| SEE SPECIFICATION        | 5=BEIGE              |
| 6. FUNCTION OPTION:      |                      |
| S=STRAIGHT               |                      |

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	mm	制图	蒋伟	产品名称	欧式插座 160P 直孔
.X	±0.30	.X°.	±2°	角法	⊕	设计	蒋伟	TM	
.XX	±0.25	.XX°.	±1°	VIEW		DESIGN		产品料号	A04A-160FES0AB5
.XXX	±0.02	.XXX°.	±0.5°	比例	1:1	CHECK		PART NO.	A04A-160FES0AB5-A0
日期	2017.05.29	版本	A0	核准	APP	图号		DRAW NO.	