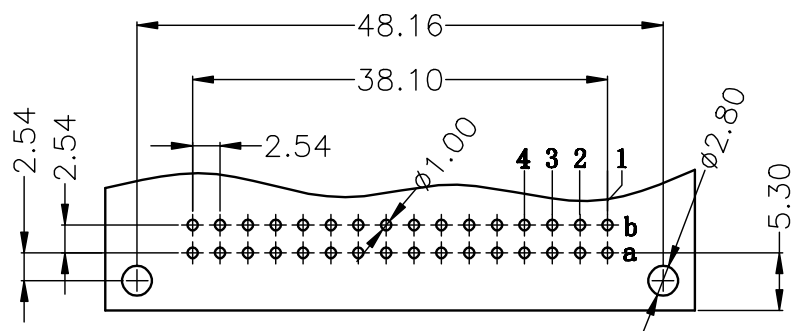
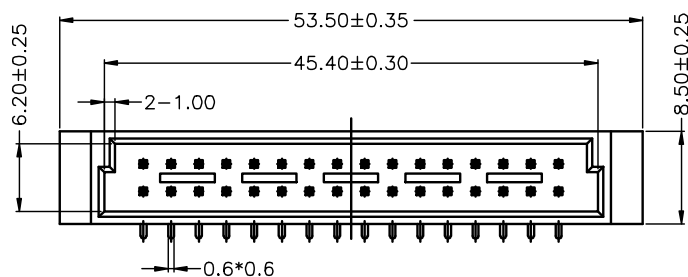
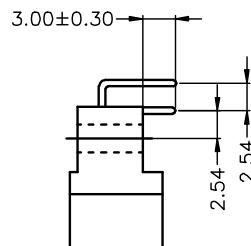
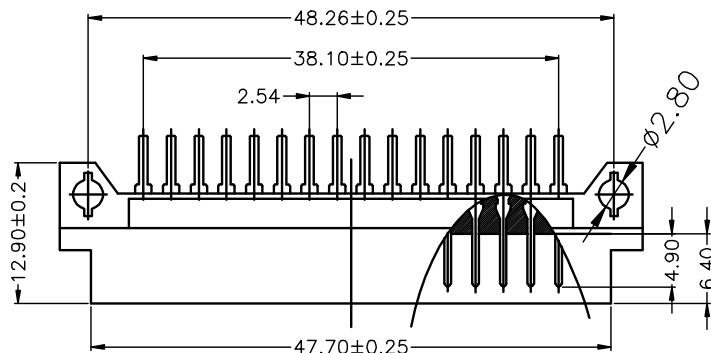


RoHS Compliant Customer Drawing

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)
- B=10u" (Selective)
- C=15u" (Selective)
- D=30u" (Selective)
- V=1u" (Selective)
- N=3u" (Gold)
- R=3u" (Selective)
- P=8u" (Selective)
- E=2u" (Semi-Gold Matte Tin)
- F=3u" (Semi-Gold Matte Tin)
- U=5u" (Semi-Gold Matte Tin)

**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: -55° C TO +125° C

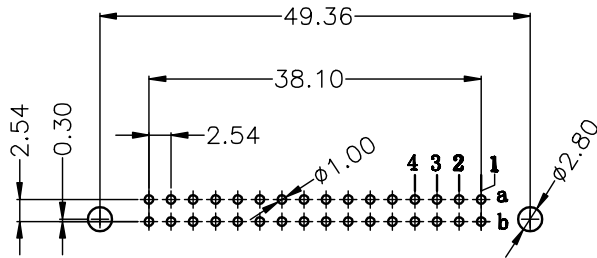
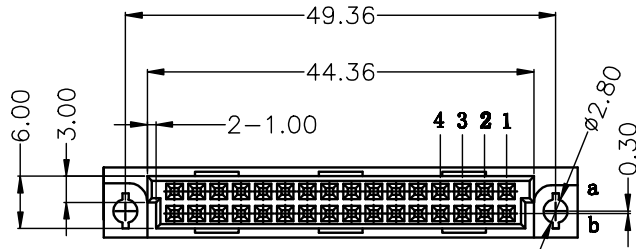
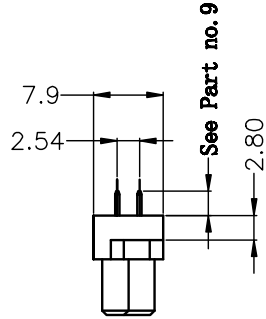
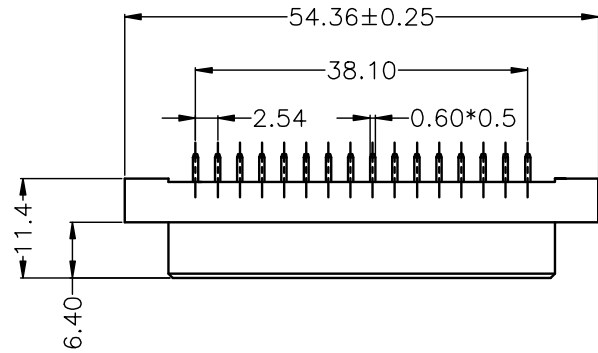
Part no. A81 A - 032 M X R B A E X  
1 2 3 4 5 6 7 8 9 10

- 1. SERIES NO.
- 2. TYPE:  
A=Standard
- 3. CONTACT NUMBER
- 4. CONTACT TYPE:  
M=Male
- 5. CONTACT AREA PLATING:  
SEE SPECIFICATION
- 6. FUNCTION OPTION:  
R=Right angle
- 7. PROCESS OPTION:  
B=2\*16 Housing (Male=90° Female=180°)
- 8. ROW SPACING:  
A=2.54mm (a+b)
- 9. CONTACT LENGTH:  
E=3.0mm (Right angle only)
- 10. INSULATOR COLOR:  
5=BEIGE  
A=Champagne

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	管正志	产品名称 TMS	欧式插座 232 B型 90度公座
.X	±0.30	.X*.	±2°	角法 VIEW	⊕	设计 DESIGN	管正志	产品料号 PART NO.	A81A-032MXRBAEX
.XX	±0.25	.XX*.	±1°	比例 SCALE	1:1	审核 CHECK		图号 DRAW NO.	A81A-032MXRBAEX-A0
.XXX	±0.02	.XXX*.	±0.5°	日期 DATE	2010.05.21	版本 VER	A0	核准 APPD	

RoHS Compliant Customer Drawing

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



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

**SPECIFICATION**

**MATERIAL**

Housing: PBT+30% 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=6u" (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. A81 A - 032 F X S B 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:

B=2\*16 Housing (Male=90°  
Female=180°)

8. ROW SPACING:

A=2.54mm (a+b 满针)

9. CONTACT LENGTH:

A=2.80mm

B=4.0mm

F=3.5mm

10. INSULATOR COLOR:

5=BEIGE

A=Champagne

公差一览表  
TOLERANCE UNLESS OTHERWISE

X.	±0.35	X'.	±5'	单位 UNITS	mm	制图 DRAWING	蒋伟	产品名称 TITLE	欧式插座 232 0.5SB型 180度 母座
.X	±0.30	.X'	±2'	角法 VIEW	设计 DESIGN	蒋伟			
.XX	±0.25	.XX'	±1'	比例 SCALE	1:1	审核 CHECK		产品料号 PART NO.	
.XXX	±0.02	.XXX'	±0.5'	原本 VER	MO	核准 APPD		图号 DRAW NO.	
日期 DATE	2020.02.04							A81A-032FXSBAXX-A0	

nextion®  
CONNECTOR

诺凌电子有限公司  
NOXTLON ELECTRONIC CO.,LTD

产品料号 PART NO.	A81A-032FXSBAXX
图号 DRAW NO.	A81A-032FXSBAXX-A0