



**Recommended P.C.B Layout  
(PCB Board Tolerance ± 0.05)**

Item	Parts Material	Specification	Qty	Note	P/N
③	Slider Tab	Phosphor Bronze/ Tin over Nickel	×		A18001-STAB-703
②	Contact	Phosphor Bronze/ Gold over Nickel	×		A18001-TPN-702
①	Insulator	LCPIU94V-0 / Color: Natural(Beige)	×		A18001-GHS-701

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修正: Revisions  
Ton/2021/10/17

Rev. A.01  
新建料号

- Tolerances -  
Unless otherwise specified

公差  
XX : ±0.25  
XXX : ±0.15  
XXX : ±0.05  
X : ±0.2°

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SHENGRUI TECHNOLOGY CO., LTD. AND SHOULD NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.

**NOTES:**

- Current Rating: 4A AC/DC
  - Voltage Rating: 200V AC/DC
  - Temperature Range: -25° C to 85° C
  - Contact Resistance: 20mΩ max.
  - Insulation Resistance: 1000mΩ min.
  - Withstanding Voltage: 1700V AC/minute
- A - 180 01 C xx S - xx P x - W 0 - x  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫
- A=Board to Wire Connector
  - 180=Pitch 1.80mm
  - 01=01 (SFH) Type Series
  - C=Connector/H=Housing/T=Terminal
  - XX= No. of Contacts
  - S=Single Row/D=Dual Row/A=Assembly
  - PT=PT/66= NYLON 66/46= NYLON 46/6T= NYLON 6T/9T= NYLON 9T/L=P=LC/PS=PPS
  - C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper
  - Plating=0=None/T=Tin Bright/G=Gold Flash Plating/I=Tin Matte/2=3u" Gold/3=5u" Gold/4=10u" Gold/5=15u" Gold/6=20u" Gold/7=30u" Gold/8=Nickel Plating/9=Silver Plating/H=Half of Gold Tin
  - V=Vertical Dip Type/R=Right Angle Dip Type/L=Vertical SMT Type/W=Right Angle SMT Type/S=Special P.C.B Model
  - 2=With Latch Type
  - Package: 1=EBog/2=Tube/3=Tape Reel/=PVC Tray/8=Tube+CAP

Item	Specification	Qty	Note	P/N
机型 Model	-			
客规 Customer P/N	-			
盛瑞料号 Part No.	A-18001-CxS-xxPx-W0-X			
Environmental standard	ROHS			
单位 Unit:mm	比例 Scale	Third angle projection		
核准 Approved	Ina	10/17/21	圖名 Description:	
審核 Checked	郑良	10/15/21	Pitch 1.80mm MX Crimp Style	
安規 Safety			Right Angle SMT Connector	
製圖 Draw	Tong	10/15/21		
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