



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

- NOTES:
1. Voltage Rating: 250V AC/DC
 2. Current Rating: 3A AC/DC
 3. Withstand Voltage: 500V AC/minute
 4. Working Temperature: -40° C to 105° C
 5. Insulation Resistance: 1000MΩ Min.
 6. Contact Resistance: 20mΩ Max.
- P - 254 2 S xx X 1 - xx P X - W 205 B - x
- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭

- ① P=Pin/Female Header series
- ② 2.54: Pitch 2.54mm
- ③ 1=Pin header/2=Female header/ R=Pin Adaptor Connectors/S=Socket Connectors
- ④ S: Single Row/D: Double Row
- ⑤ XX= No. of Contacts
- ⑥ Insulator Height: A=1.0mm/B=1.35mm/C=1.5mm/D=1.70mm/E=1.95mm/F=2.0mm/G=2.5mm/H=3.0mm/I=3.2mm/J=3.4mm/K=3.5mm/L=4.0mm/M=4.3mm/N=4.6mm/O=5.0mm/P=5.0mm/Q=5.7mm/R=6.0mm/S=6.35mm/T=7.0mm/U=7.1mm/V=7.2mm/W=8.1mm/X=8.5mm/Y=8.9mm
- ⑦ Insulator Quantity: 1=1 Insulator/ 2=2 Insulator/ 3=3 Insulator
- ⑧ PT=PBT/66= Nylon 66/46= Nylon 46/6T= Nylon 6T/9T= Nylon 9T /LP: LCP/PS= PPS
- ⑨ C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper
- ⑩ Plating: 0=None/I=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/S=Silver Plating/H=Half of Gold Tin
- ⑪ X=V= Vertical Dip Type/R= Right Angle Dip Type/L=Vertical SMT Type/W=Right Angle SMT Type/S=Special P.C.B. mode
- ⑫ Serial number: 000= General (通常一般的)
- ⑬ Color: B=Black/W=White/E=Blue
- ⑭ Packaging: 1=PE bag/2=tube/3= Tape Reel/Hot tape Reel/5= PVC tray

Item	Parts Material	Specification	Qty	Note	P/N
②	Contact	Phosphor Bronze C5191/Gold flash all over nickel	×		P2542-500-102
①	Insulator	Nylon6T+30%GF & Nylon9T+30%GF,UL 94V-0	×		P2542-500-101

Rev.	修正 Revisions	公差 Tolerances- Unless otherwise specified	機型 Model	核准 Approved/ian	圖名 Description
			客議 Customer P/N	審核 Checked	Female Header 2.54x6.5mm 1XN
			盛瑞料號 Part No.	安規 Safety	Pin Right Angle SMT (DIP 3.0/2.2)
			Environmental standard	製圖 Draw	
			ROHS	鄭成 04/14/13	
			Third angle projection	設計 Design	
			單位 Unit/mm	比例 Scale	圖號 04/14/13

SRCO 东莞市盛瑞科技有限公司
Dongguan Shengrui Technology Co., Ltd.
TEL: 86-769-8216714/87988775 MAIL: srco@dsrco.com

修正 Revisions
公差 Tolerances- Unless otherwise specified
XX : ±0.50 D: ±0.20
XXX : ±0.20 200-800 : ±0.10
XXXX : ±0.20 800-490 : ±0.20
Page: 7/1 L: ±0.90 ±0.20

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SHENGRUI INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.