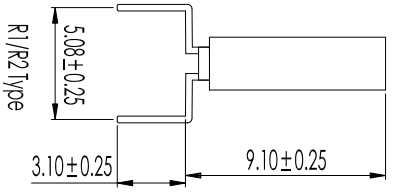
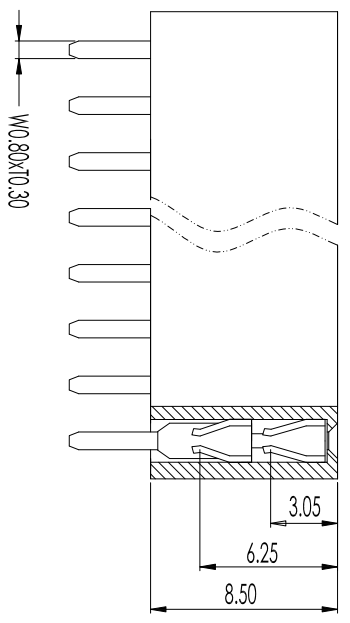


Recommended P.C.B Layout (Top Side)  
[PCB Board Tolerance ± 0.05]



- 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 - V M02 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 PI=PT/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/1=Tin Bright/G=Gold Flash Plating/ =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
- 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 M01= M Type H=5.0mm/M02=M Type H=8.50mm
- ⑬ Color: B=Black/W=White/E=Blue
- ⑭ Packaging: 1=PE bag/2=tube/3=Type Reel/Hot tape Reel/5=PVCl tray

Item	Parts Material	Specification	Qty	Note	P/N
②	Contact	Phosphor Bronze/Gold flash oil over nickel	×		P2542-500-102
①	Insulator	PBT+30%GFUL 94V-0	×		P2542-500-101

Rev.	修正: Revisions	- Tolerances- Unless otherwise specified	
公差			
公差	公差	公差	
XX : +0.35/0-200 : ±.5	公差		
XXX : +0.30/200-800 : ±.0	公差		
X : +.2°	公差		

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东莞市盛瑞科技有限公司  
Dongguan Shengrui Technology Co., Ltd.

客棧 Customer P/N  
盛瑞料號 Part No.  
Environmental standard  
RoHS

核准 Approved Ian 07/21/13  
審核 Checked 郑晟 07/21/13  
安規 Safety  
製圖 Draw Tong 07/21/13  
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圖名 Description:  
Female Header 2.54x6.5mm 1XN  
Single Row Vertical DIP M Type