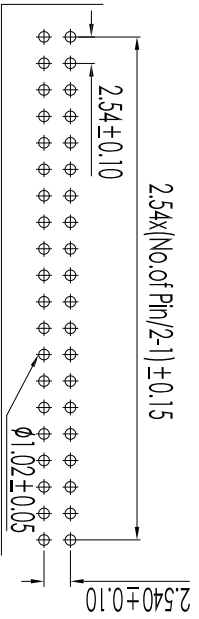


Recommended P.C.B Layout(Top Side)  
 (PCB Board Tolerance±0.05)



NOTES:

1. Current Rating: 20A AC/DC
  2. Withstand Voltage: 500V AC/DC
  3. Operation Temperature: -40° C to 105° C
  4. Contact Resistance: 20mΩ Max.
  5. Insulation Resistance: 1000MΩ Min.
- P - 254 7 D xx 0 1 - PT B x - R 2D1 B - 1
- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭
- ① P=Header series
  - ② 254=Pitch 2.54mm
  - ③ 1=Pin header/2=Female header/3=Mini Jumper/4=Machined Pin Header/5=Machined Female Header/6=Box Header/7=Ejector Header/IM=M type
  - ④ S=Single Row/D=Double Row/T=Three Row/F=Four 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=5.7mm/Q=6.0mm/R=6.35mm/S=7.0mm/T=7.1mm/U=7.2mm/V=8.1mm/W=8.5mm/X=8.9mm/Y=4.50mm/Z=4.50mm/0=discriminate/Y=2.54mm/I=7.40mm/2=3.10mm/3=2.10mm/4=4.50mm/5=2.10mm/6=5.0mm/7=3.50mm/8=4.90mm/9=4.80mm/0=Standard
  - ⑦ Insulator Quantity: 1=1 Insulator/2=2 Insulator/3=3 Insulator
  - ⑧ PB1/65= Nylon 66/46= Nylon 46/61= Nylon 61/91= Nylon 91/1P= LCP/PS= PPS
  - ⑨ C=Copper Alloy/B=Bronze/P=Phosphor Bronze/H=High conductivity copper/R=Red Copper
  - ⑩ Plating/0=None/1=In Bright/N=Nickel Plating/C=Gold Flash Plating/I=In Matte/2=3u" Gold/3=5u" Gold/4=10u" Gold/5=15u" Gold/6=20u" Gold/7=15u" Gold/8=30u" Gold/9=Silver Plating/H=Half of Gold Tin
  - ⑪ V= Vertical Dip Type/R= Right Angle Dip Type/L=Vertical SMT Type/W=Right Angle SMT Type/S=Special P.C.B Model/0=Without
  - ⑫ xD=Product Identification Code
  - ⑬ Color: B=Black/W=White/R=Red/U=Blue/G=Green/E=Grey
  - ⑭ Packaging:1=PE bag/2=tube/3=Reel/4=Hot Tape Reel/5=Tube&Reel+CAP/6=Tube&Reel+PET/7=PC Tray/8=tube+CAP/9=tube+PET

Item	Parts Material	Specification	Qty	Note	P/N
②	Contact	Bross/Au or Sn over Ni	×		P2541-T01-10GF
①	Insulator	P.B.1+30%GF or Nylon 91 or LCP, UL 94V-0/Color: Black	×		P2547-201-PT01

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

Rev.	修正 Revisions	Tolerance- Unless otherwise specified
A.01	新增规格 Tony 2013/07/15	公差 未注公差
B.01	变更料号 Tony 2020/12/09	公差 未注公差

机型 Model	客議 Customer P/N	盛瑞料號 Part No.	环境标准 Environmental standard	RoHS	第三角投影 Third angle projection	核准 Approved	日期 Date	圖名 Description
-	-	P-254/Dxx01-PTBxR2D1 B-1	RoHS	設計 Design	12/09/20	12/09/20	2.54mm Ejector Header SMT Right Angle 2xNpin Connector	

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