



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

Type	Part No.	Item	Parts Material	Specification	Qty	Note
1	P-2546Dxx1-PTB-V1D08-1	①	Insulator	P.B.H+30%G.F or Nylon 9T or LCP, UL 94V-0/Color: Black	×	P2001-101-10GF
2	P-2546Dxx1-PTBG-V2D08-1	②	Insulator	Boss/Au or Sn over Ni	×	P2006-101-PT01

- NOTES:
1. Current Rating: 30A 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 6 D xx 9 1 - PT B x - V xD B - 1
- 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/3=Mini Jumper/4=Machined Pin Header/5=Machined Female Header/6=Box Header/7=Ejector Header/8=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/O=discriminate/Y=2.54mm/I=7.40mm/J=2=3.10mm/K=3.2.10mm/L=4.4.50mm/M=2.10mm/N=6.50mm/P=7=3.50mm/Q=4.90mm/R=4.80mm
  - ⑦ Insulator Quantity: 1=1 Insulator/2=2 Insulator/3=3 Insulator
  - ⑧ PB/1/6= Nylon 66/46= Nylon 46/6= Nylon 61/9T= Nylon 9T/1P= LCP/PS= PPS
  - ⑨ C=Copper Alloy/B=Boss/P=Phosphor Bronze/H=High conductivity copper/R=Red Copper
  - ⑩ Plating:0=None/1=In Bright/N=Nickel Plating/C=Gold Hard 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/O=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+PE/7=PC Tray/8=tube+CAP/9=tube+PET

Rev.	修正/Revisions	公差/Tolerances
A.01	新增规格 Tony 2013/07/15	Unless otherwise specified
B.01	变更料号 Tony 2020/12/09	公差公差 公差公差 公差公差
		XX : ±0.30 D: ±0.15
		XXX : ±0.20 800-800 : ±0.10
		直接 Page: 7/1 L : ±0.90 : ±0.10

修正/Revisions: Tony 2013/07/15, Tony 2020/12/09

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各款 Customer P/N: P-2546Dxx1-PTBx-V2D08-1

盛瑞科技 Part No. R0HS

Environmental standard

單位 Unit: mm 比例 Scale: 1:1

Third angle projection

核准/Approved: Tian 12/09/20

審核/Checked: 安規/Safety

製圖/Drawn: 郑斌 12/09/20

設計/Design: Tong 12/09/20

圖名/Description: 2.54mm Box Header Vertical Dip H=8.90mm 2xVpin Connector