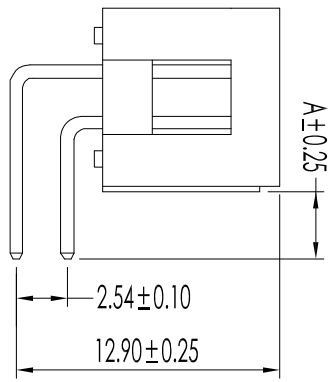


Recommended P.C.B Layout (Top Side)
(PCB Board Tolerance ±0.05)



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 X 1 - PT B x - V XD0 B - 1

- 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=Indiscriminate/Y=2.54mm/I=7.40mm/Z=3.10mm/3=2.10mm/4=4.50mm/5=2.10mm/6=6.50mm/7=13.50mm/8=4.90mm/9=4.80mm
- ⑦ Insulator Quantity: 1=1 Insulator/2=2 Insulator/3=3 Insulator
- ⑧ PBT/66= Nylon 66/46= Nylon 46/6/6= Nylon 6/7/9T= Nylon 9T/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=Thin Bright/N=Nickel Plating/C=Gold Hard Plating/I=Thin Matte/2=30" Gold/3=50" Gold/4=100" Gold/5=150" Gold/6=200" Gold/7=150" Gold/8=300" Gold/9=Silver Plating/H=Half of Gold Tin
- ⑪ V=Vertical Dip Type/R=Right Angle Dip Type/I=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=10000 Reel+CAP/6=10000 Reel+PET/7=PC Tray/8=10000 Reel+CAP/9=10000 Reel+PET

Type	Part No.	Item	Parts Material	Specification	Qty	Note
1	P-2546Dxx1-PTB-R1D0B-1	①	Insulator	P.B.H+30%GF or Nylon 9T or LCP, UL 94V-0/Color: Black	×	P2541-T01-10GF
2	P-2546Dxx1-PTBG-R2D0B-1	②	Contact	Boss/Au or Sn over Ni	×	P2546-101-PT01

Rev.	修正 Revisions	公差 Tolerances - Unless otherwise specified	東莞市盛瑞科技有限公司 Dongguan Shengrui Technology Co., Ltd.	機型 Model	審核 Approved Tian 12/09/20	圖名 Description: 2.54mm Box Header Vertical Dip H=8.90mm 2XVpin Connector
A.01	新增規格 Tony 2013/07/15	插接器公差 零件公差	TEL: 86-769-8216714/87988775 MAIL: srco@dsrco.com	各號 Customer P/N	審核 Checked	
B.01	變更料號 Tony 2020/12/09	XXX: +0.30/200-800: +0.5		盛瑞料號 Part No.	安規 Safety	
		XXX: +0.30/200-800: +0.5		Environmental standard	製圖 Drawn 鄭斌 12/09/20	
		XXX: +0.20/800-490: +0.20		RoHS	設計 Design Tong 12/09/20	
		XXX: +0.20/800-490: +0.20		單位 Unit MM 比例 Scale 1:1		
		XXX: +0.20/800-490: +0.20		Third angle projection		
		XXX: +0.20/800-490: +0.20				

Rev.	修正 Revisions	公差 Tolerances - Unless otherwise specified
A.01	新增規格 Tony 2013/07/15	插接器公差 零件公差
B.01	變更料號 Tony 2020/12/09	XXX: +0.30/200-800: +0.5
		XXX: +0.30/200-800: +0.5
		XXX: +0.20/800-490: +0.20
		XXX: +0.20/800-490: +0.20
		XXX: +0.20/800-490: +0.20

Rev.	修正 Revisions	公差 Tolerances - Unless otherwise specified
A.01	新增規格 Tony 2013/07/15	插接器公差 零件公差
B.01	變更料號 Tony 2020/12/09	XXX: +0.30/200-800: +0.5
		XXX: +0.30/200-800: +0.5
		XXX: +0.20/800-490: +0.20
		XXX: +0.20/800-490: +0.20
		XXX: +0.20/800-490: +0.20