



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

NOTES:

1. Current Rating: 2.0A 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 - 9T B x - W 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 PBI/66= Nylon 66/46= Nylon 46/6F= Nylon 6F/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/I=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/S=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/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=tape&Reel+PE/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	Nylon 9T or LCP, UL 94V-0/Color: Black	×		P2547-201-PT01

Rev.	修正 Revisions	公差 Tolerances- Unless otherwise specified
A.01	新增规格 Tony 2013/07/15	连接器公差 板贴公差
B.01	变更料号 Tony 2020/12/09	XX : ±0.50 D:200 : ±5 XXX : ±0.30 200-800 : ±10 XXXX : ±0.20 800-490 : ±20 直插 Page: 7/1 L : ±0.90 : ±30

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机型 Model	客规 Customer P/N	盛瑞料号 Part No.	环境标准 Environmental standard	RoHS	第三角投影 Third angle projection	设计 Design	审核 Approved	日期 Date	图名 Description
-	-	P-254/Dxx0/1-9TB-W2D1 B-1	RoHS	RoHS	☑	设计 Design	审核 Checked	12/09/20	2.54mm Ejector Header Vertical SMT 2xNPin Connector