



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

- NOTES:
1. Current Rating: 3.0A 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 - PT B x - V 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/8=M type

④ S=Single Row/D=Double Row/I=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/6= Nylon 66/46= Nylon 46/6= Nylon 61/9T= 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/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/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=Tape&Reel+CAP/6=Tape&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.I.+30%GF or Nylon 9T or LCP, UL 94V-0/Color: Black	×		P2547-201-PT01

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Rev.	修正 Revisions	Tolerance-公差
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: ±0.35 0.20 ±0.5
		XX: ±0.30 200-800 ±1.0
		XXX: ±0.20 800-490 ±2.0
		XXXX: ±0.20 800-490 ±2.0
		本页 Page: 7/1 L: ±0.90 ±3.0

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机型 Model	客模 Customer P/N	盛瑞料号 Part No.	环境标准 Environmental standard	单位 Unit/mm	比例 Scale	第三角投影 Third angle projection	设计 Design	审核 Checked	批准 Approved	日期 Date	图名 Description
-	-	P-254/Dxx0/1-PTB-V2D1-B-1	RoHS	mm	1:1	第三角投影	设计	安捷 Safety	12/09/20	12/09/20	2.54mm Ejector Header Vertical Dip 2NPin Connector