



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

NOTES:

1. Current Rating: 2A AC/DC
2. Withstand Voltage: 500V AC/minute
3. Working Temperature: -40° C to 105° C
4. Insulation Resistance: 1000MΩ Min.
5. Contact Resistance: 20mΩ Max.

P - 200 1 D xx L 1 - xx B G - V 1D0 B - 1

① ②③④ ⑤⑥⑦ ⑧ ⑨⑩ ⑪⑫⑬ ⑭

① P=PIN/Female Header series

② 2.00=Pitch 2.00mm

③ 1=Pin header/2=Female header/3=Mini Jumper/4=Machined Pin header/5=Machined Female Header/M=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/0=Indiscriminate/Y=2.54mm

⑦ Insulator Quantity: 1=1 Insulator/2=2 Insulator/3=3 Insulator

⑧ PBT/66= Nylon 66/46= Nylon 46/6T= Nylon 6T/9T= Nylon 9T  
I/P: LCP/PS= PPS

⑨ C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper/R=Red Copper

⑩ Plating: 0=None/1=Tin Bright/N=Nickel Plating/G=Gold Flash Plating/I=Tin Mottle/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 X=V= Vertical Dip Type/R= Right angle Dip Type/L=Vertical SMT Type/ W=Right Angle SMT Type/S=Special P.C.B Model

⑫ T10=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/PFI/7=PVC Tray/8=tube+CAP/9=tube+PFI

Item	Product Identifier/Code	Pin Length	A	B	Item	Parts Material	Specification	Qty	Note
Standard	1D0	10.80	4.00	2.80	②	Contact	Brass/Gold flash all over nickel	×	P200T-050-10GF
Alienote					①	Insulator	PA6T+30%GF & PA9T+30%GF,UL 94V-0	×	P2004-400-6T01

Rev.	修正/Revisions	- Tolerances - Unless otherwise specified		機型 Model	核准/Approved	日期/Date	圖名/Description
A.01	新增規格 Tony 2021/12/09	公差	公差	各號 Customer P/N	審核/Checked	12/09/21	Pu2004/004/20mm 2XNpin
		選擇公差 選擇公差	選擇公差	盛瑞科技 Part No.	安規/Safety	12/09/21	Vertical Dip Type Pin Header
		XX : ±0.30 D:20L:±0.5	XXX : ±0.30 Z00: -80L: ±10	Environmental standard	製圖/Drawn	12/09/21	
		公差 Page: 7/1 L: ±0.90 ±30	INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	單位 Unit:mm 比例 Scale: 1:1	設計/Design	12/09/21	

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