



Recommended P.C.B Layout (Top Side)
(PCB Board Thickness=1.5)

NOTES:

- Current Rating: 1.0A AC/DC
 - Withstand Voltage: 500V AC/minute
 - Working Temperature: -40° C to 105° C
 - Insulation Resistance: 3000MΩ Min.
 - Contact Resistance: 20mΩ Max.
- P - 150 I D xx G 1 - xx B x - R 2D1 B - 1
- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭
- P=PIN/Female Header series
 - 1.80=Pitch 1.80mm
 - 1=Pin header/2=Female header/3=Mini Jumper/4=Machined Pin header/5=Machined Female Header/M=M Type
 - S=Single Row/D= Double Row/T=Three Row/F=Four Row
 - XX=No. of Contacts
 - 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/L=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=Indiscriminate/Y=2.54mm
 - Insulator Quantity: 1=1 Insulator/2=2 Insulator/3=3 Insulator
 - PBT/66= Nylon 66/46= Nylon 46/6T= Nylon 6T/9T= Nylon 9T /LP: LCP/PS= PPS
 - C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper/R=Red Copper
 - Plating 0=None/1=Tin Bright/N=Nickel Plating/G=Gold Flash Plating/I=Tin Mottle/2=30" Gold/3=50" Gold/4=10" Gold/5=150" Gold/6=200" Gold/7=150" Gold/8=300" Gold/9=Silver Plating/H=Half of Gold Tin
 - X=V= Vertical Dip Type/R= Right Angle Dip Type/L=Vertical SWT Type/W=Right Angle SWT Type/S=Special P.C.B Model
 - 110=Product Identification Code
 - Color: B=Black/W=White/R=Red/U=Blue/G=Green/E=Grey/I=Beige white
 - Packaging: 1=PE bag/2=tube/3=Reel/4=lot Tape Reel/5=tape&Reel/CAP/6=tape&Reel/PET/7=PVC Tray/8=tube+CAP/9=tube+PET

Item	Parts Material	Specification	Qty	Note	P/N
②	Contact	Copper Alloy/Gold(Tin) oil over nickel	×		PI50T-040-10GF
①	Insulator	PA6T+30%GF, JIL 94V-0/Black	×		PI50T-020-6T01

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Rev.	Revisions
A.01	新增规格 Tony 2021/12/09

客議 Customer P/N	機型 Model	審核 Approved	日期 Date	圖名 Description
-	-	12/09/22	12/09/22	PH:50mm H=2.5mm 2Xpin V Right
盛瑞料號 Part No.	安規 Safety	製圖 Draw	日期 Date	Angle Dip Pin Header
P-150I DxxG1-xxBx-R2D1 B-x	RoHS	Tong	12/09/22	
Environmental standard	Third angle projection	設計 Design	1/1	

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公差 Tolerances-公差	公差 Tolerances-公差
XX.X: ±0.35 D:200: ±0.5	XX.X: ±0.35 D:200: ±0.5
XXX.X: ±0.30 Z:0.800: ±0.20	XXX.X: ±0.30 Z:0.800: ±0.20
X°: ±2°	X°: ±2°

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