



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

NOTES:

1. Current Rating: 1.0A 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 - 150 I D xx G 1 - xx B G - L 2D3 I - 1

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭

① P=PIN/Female Header series

② 1.80=Pitch 1.80mm

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=9.4mm/Z=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 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 X=V= Vertical Dip Type/R= Right Angle Dip Type/L=Vertical SWT Type/W=Right Angle SWT Type/S=Special P.C.B. Module

⑫ T10=Product Identification Code

⑬ Color: B=Black/W=White/R=Red/U=Blue/G=Green/E=Grey/I=Beige white

⑭ Packaging: 1=PE bag/2=Tube/3=Reel/4=Hot Tape Reel/5=Tape&Reel/6=7=Tube&Reel/PEI/7=PVC Tray/8=Tube+CAP/9=Tube+PEI

Item	Parts Material	Specification	Qty	Note	P/N
②	Contact	Brass/Tin oil over nickel	×		PI50T-040-10GF
①	Insulator	PA9T+30%GF, UL 94V-0, Beige white	×		PI50I-020-6T01

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

Unless otherwise specified
公差

连续型公差 连续公差

XX.X : ±0.35 D=20 : ±0.5

XXX.X : ±0.30 Z00-800 : ±0.20

X° : ±2° L : ±0.90 ±0.20

机型 Model -

客规 Customer P/N -

盛瑞料号 Part No. P-150IDXXG1-xxB-G-2D3K-X

Environmental standard RoHS

Third angle projection

核准 Approved: Ian 12/09/21

审核 Checked: 郑晟 01/21/20

安规 Safety

製圖 Drawn: Tong 01/21/20

設計 Design: 1/1

圖名 Description: PH: 50mm 2kpin Vertical Type SWT Pin Header