



Recommended P.C.B Layout (Top Side)
PCB Board Tolerance ±0.051

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 - 180 1 S xx F 1 - xx B T - V 150 B - 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=9.5mm/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=Bross/P=Phosphor Bronze/H=High conductivity copper/R=Red Copper
 - ⑩ Plating: 0=None/I=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 Model
 - ⑫ ITD=Product Identification Code
 - ⑬ Color: B=Black/W=White/R=Red/U=Blue/G=Green/E=Gray
 - ⑭ Packaging: 1=PE bag/2=tube/3=Reel/4=lot Tape Reel/5=tape&Reel/CAP/6=tape&Reel/HET/7=PVC Tray/8=tube+CAP/9=tube+PEI

Item	Parts Material	Specification	Qty	Note
②	Contact	Copper Alloy/Tin over nickel /Soldering Temperature:260° C for 3-sec.Max.	×	P180T-046-10GF
①	Insulator	PA6T+30%GF, JUL 94V-0/Black	×	P180T-020-6T01

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

公差	公差
XX : +0.35 0-200 : +.5	公差
XXX : +0.30 200-800 : +1.0	公差
X : +.2° L : +4.90 : +3.0	公差

Unless otherwise specified

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TEL: 86-769-8216714/87988775 MAIL: srco@qdsrco.com

东莞市盛瑞科技有限公司
Dongguan Shengrui Technology Co., Ltd.

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