



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

NOTES:

1. Current Rating: 30A 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 6 D xx X 1 - 9T B x - W XD0 B - 1
- ① P=Pin/Female Header series
 - ② 2.54=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/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/O=Indiscriminate/Y=2.54mm/I=7.40mm/Z=3.10mm/3=2.10mm/4=4.50mm/5=2.10mm/6=6.50mm/7=13.50mm/8=4.90mm/9=4.80mm
 - ⑦ Insulator Quantity: 1=1 Insulator/2=2 Insulator/3=3 Insulator
 - ⑧ PB/1/6= Nylon 66/4/6= Nylon 46/6/7= Nylon 6/7/9T= 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/1=Thin Bright/N=Nickel Plating/C=Gold Flash Plating/I=Thin Matte/2=30" Gold/3=50" Gold/4=100" Gold/5=150" Gold/6=200" Gold/7=150" Gold/8=300" 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/O=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=1000 Reel+CAP/6=1000 Reel+PET/7=PC Tray/8=1000 Reel+CAP/9=1000 Reel+PET

②	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭
Type	Part No.	W	Item	Parts Material	Specification	Qty	Note	Model	Customer P/N	Part No.	RoHS	Third angle projection	Design	Tong
1	P-2546DxxX1-9TBI-W1D0B-1	9.60	①	Insulator	P.B.H+30%GF or Nylon 9T or LCP, UL 94V-0/Color: Black	×		-	-	P-2546DxxX1-9TBI-W1D0B-1	RoHS	☑	设计	12/09/20
2	P-2546DxxX1-9TBI-W2D0B-1	9.60	②	Contact	Bross/Au or Sn over Ni	×		-	-	P-2546DxxX1-9TBI-W2D0B-1	RoHS	☑	设计	12/09/20

Rev.	修正/Revisions	公差/Tolerances	除非另有规定
A.01	新增规格 Tony 2013/07/15	公差/Tolerances	除非另有规定
B.01	变更料号 Tony 2020/12/09	公差/Tolerances	除非另有规定

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