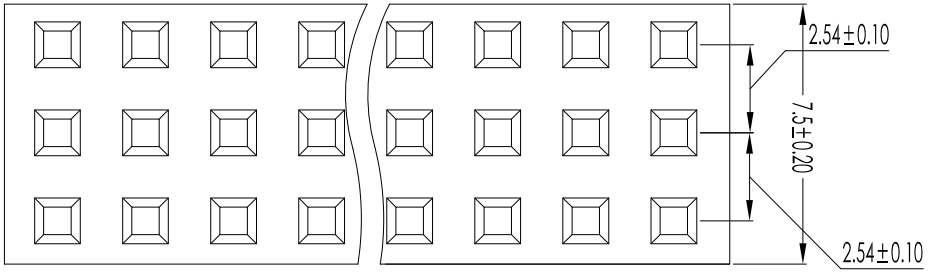

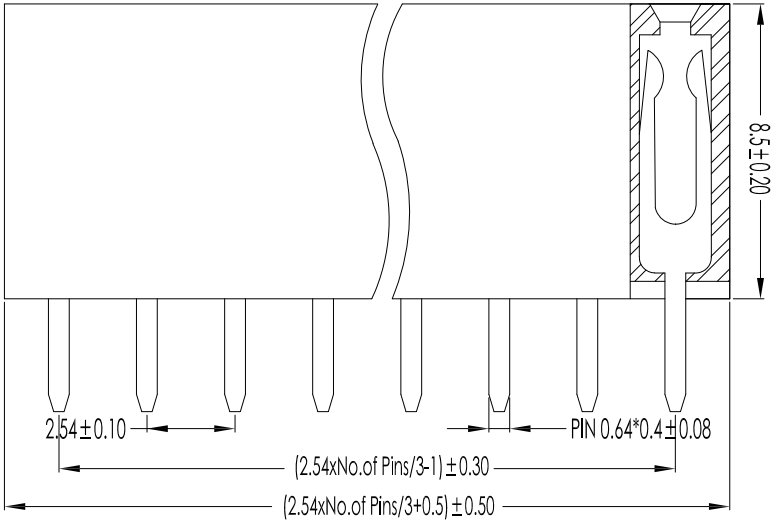

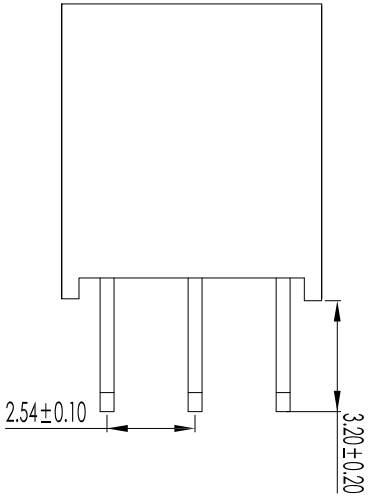

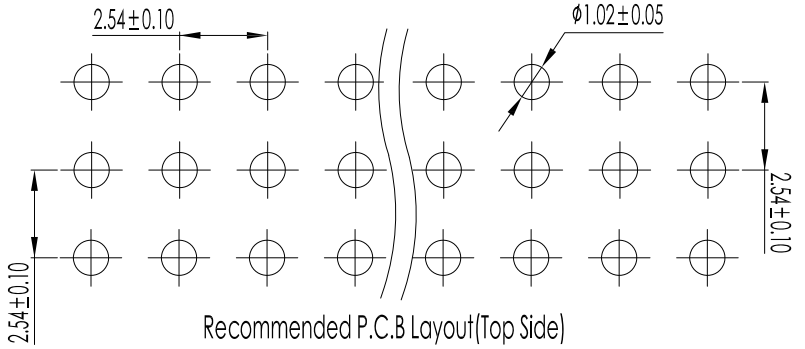

Recommended P.C.B Layout(Top Side)

(PCB Board Tolerance ±0.05)

NOTES:

1. Voltage Rating: 250V AC,DC
2. Current Rating: 3A AC,DC
3. Withstand Voltage: 500V AC/minute
4. Working Temperature: -40° C to 105° C
5. Insulation Resistance: 1000MΩ Min.
6. Contact Resistance: 20mΩ Max.

P - 254 2 T xx X 1 - xx B G - V 3D1B - x

① ②③④⑤⑥⑦ ⑧⑨⑩ ⑪⑫⑬ ⑭

① P= PIN/Female Header series
② 2.54: Pitch 2.54mm
③ 1=Pin header/2=Female heder/ R=Pin Adapter Connectors/ S= Socket Connectors
④ S=Single Row/D=Double Row/T=Three
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=5.0mm/Q=5.7mm/R=6.0mm/S=6.35mm/ T=7.0mm/U=7.1mm/V=7.2mm/W=8.1mm/X=8.5mm/Y=8.9mm/
⑦ Insulator Quantity: 1=1 Insulator/ 2=2 Insulator/ 3=3 Insulator
⑧ PT=PBT/66= NyLon 66/46= NyLon 46/6T= NyLon 6T/9T= NyLon 9T /LP: LCP/PS= PPS
⑨ C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper
⑩ Plating:0=None/T=Tin Bright/G=Gold Flash Plating/1=Tin Matte/2=3u" Gold/3=5u" Gold/4=10u" Gold/5=15u" Gold/6=20u" Gold/7=30u" Gold/8=Nickel Plating/S=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 Modle
⑫ Serial number:000= General(通常,一般的)
⑬ Color: B=Black/W=White/ E=Blue
⑭ Packaging: 1=PE bag/2=tube/3=Tape Reel/Hot tape Reel/5=PVC tray

Item	Parts Material	Specification	Q'ty	Note	P/N
②	Contact	C2680/Gold flash all over nickel			P2542-500-102
①	Insulator	PBT+30%G.F & PA9T+30%G.F,UL 94V-0			P2542-500-101

Rev.	修正 Revisions

-Tolerances-
Unless otherwise specified
公差

连接器公差		线材公差	
X.X	±0.35	0-200	±5
X.XX	±0.30	200-800	±10
X.XXX	±0.20	800-1490	±20
X.°	±2°	L >1490	±30

SRCO®
东莞市盛瑞科技有限公司
Dongguan Shengrui Technology Co., Ltd.
TEL:86-769-82167146/87988175 MAIL:srco@gdsrco.com

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機型 Model	-	核准 Approved	Tian 07/21/'13
客號 Customer P/N	-	審核 Checked	郑岚 07/21/'13
盛瑞料號 Part No.	P-2542TxxX1-xxBx-V3D1B-x	安規 Safety	
Environmental standard	RoHS	製圖 Drawn	Tong 07/21/'13
單位 Unit:MM 比例 Scale	Third angle projection	頁碼 Page	1/1

圖名 Description:

Female Header 2.54x8.5mm 3xN Pin Vertical DIP:3.2mm Type G/F