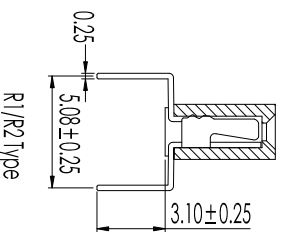
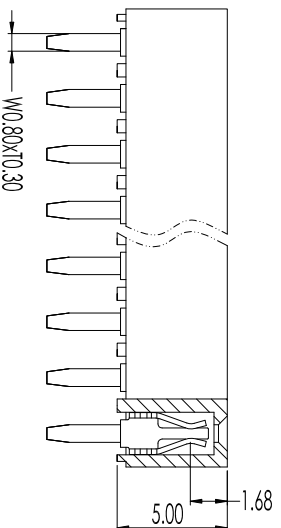


Recommended P.C.B Layout (Top Side)
[PCB Board Tolerance ± 0.05]



Item	Parts Material	Specification	Qty	Note
①	Insulator	PBT+30%GFUL 94V-0	×	P2542-500-101
	Contact	Phosphor Bronze/Gold flash oil over nickel	×	P2542-500-102

- 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 S xx X 1 - xx P X - V M01 B - X
- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭
- ① P=PIN/Female Header series
 - ② 2.54: Pitch 2.54mm
 - ③ 1=Pin header/2=Female header/ R=Pin Adaptor Connectors/S=Socket Connectors
 - ④ S: Single Row/D: Double 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=5.0mm/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 PI=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/1=Tin Bright/G=Gold Flash Plating/I=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 mode
 - ⑫ M01= M Type H=5.0mm/M02=M Type H=8.50mm
 - ⑬ Color: B=Black/W=White/E=Blue
 - ⑭ Packaging: 1=PE bag/2=tube/3= Tape Reel/Hot tape Reel/5=PVCl tray

Rev.	修正: Revisions
	Unless otherwise specified
	- Tolerances-公差
	连接器公差 封装公差
XX	: ±0.35 D: ±0.20
XXX	: ±0.30 Z0: ±0.5
XXXX	: ±0.20 Z0: ±0.20
X	: ±2° L: ±0.90 ±0.20

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机型 Model	客模 Customer P/N	盛瑞料號 Part No.	Environmental standard	單位 Unit/mm	比例 Scale	Third angle projection	頁碼 Page	圖名 Description
-	-	P-2542SxxX-xxP-X-M01-B-X	RoHS	mm	1:1	第三角投影	頁碼 Page	Female Header 2.54x6.5mm 1XN Single Row Vertical DIP M Type

核准 Approved	日期 Date
審核 Checked	07/21/13
安規 Safety	07/21/13
製圖 Draw	Tong 07/21/13