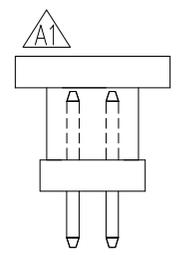
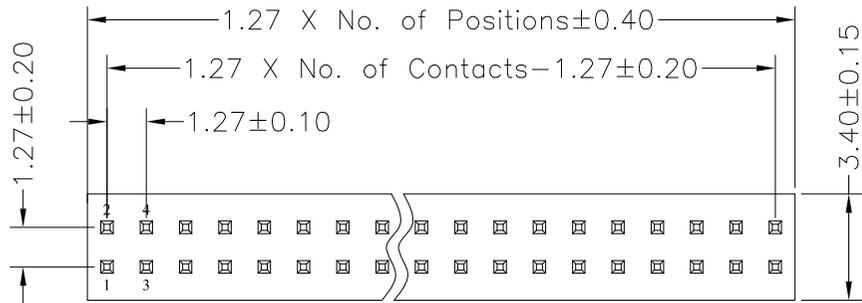
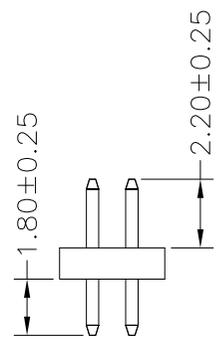
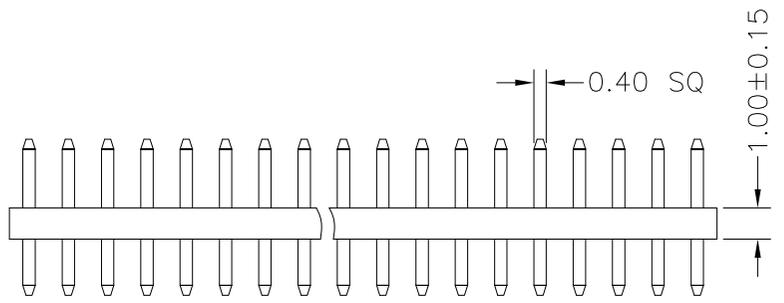


# GP Component

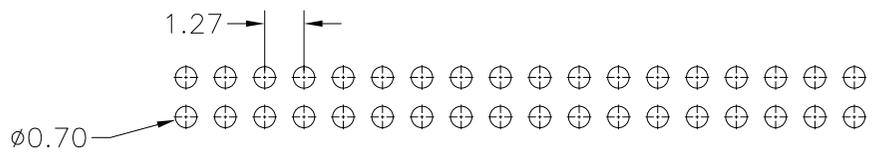
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/10/08	Hanson
A1			Cap優化增加防呆功能	2024/07/12	Hanson



**Material:**  
**Contact Material:** Brass  
**Contact plating:** Au Over 50μ" Ni  
**Insulator Material:** Black Polyester UL94V-0  
**Standard:** PA6T+30%G.F  
**Electrical:**  
**Current rating:** 1.0Amps/contact max.  
**Contact resistance:** ≤20mΩ/contact  
**Insulation resistance:** ≥1000MΩ at V=100V  
**Withstanding Voltage:** 300V AC/minute  
**Mechanical:**  
**Mechanical life cycle:** min.200  
**Operating temperatures:** Gold Plated: -55°C to +105°C  
 Tin plated: -40°C to +105°C  
**Soldering temperature:** +260°C max(PA6T)



MATRIX PART NO:  
 MPIN M-06P-30-RS  
 Matrix PIN | M:Male | F:Female | PIN Number | Series No. | RS:ROHS



RECOMMENDED P.C.B LAYOUT



## Matrix Electronics Co.,Ltd

<b>TOLERANCE:</b> X:X ±0.38 X:XX ±0.25 X:XXX ±0.15 ANGLE: ±5		<b>DESIGN BY :</b> Hanson Huang	<b>DATE :</b> 2024/07/12	<b>PART NAME:</b> PITCH=1.27MM 2*3P PIN HEADER	
 UNIT: mm [inch] SCALE:1:1 SIZE:A4		<b>CHECKED BY:</b> Vicky Hsieh	<b>DATE :</b> 2024/07/12	<b>PART NO.</b>	MPINM-06P-30-RS
		<b>APPROVED BY1:</b> Richard Hsieh	<b>DATE :</b> 2024/07/12	<b>MOLD NO.</b>	NA
		<b>APPROVED BY2:</b> Richard Hsieh	<b>DATE :</b> 2024/07/12	<b>DRAW NO.</b>	
				<b>SHEET NO.</b>	1 OF 1