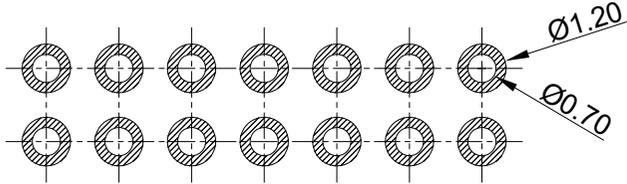
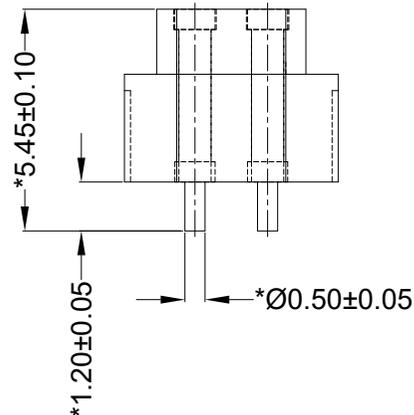
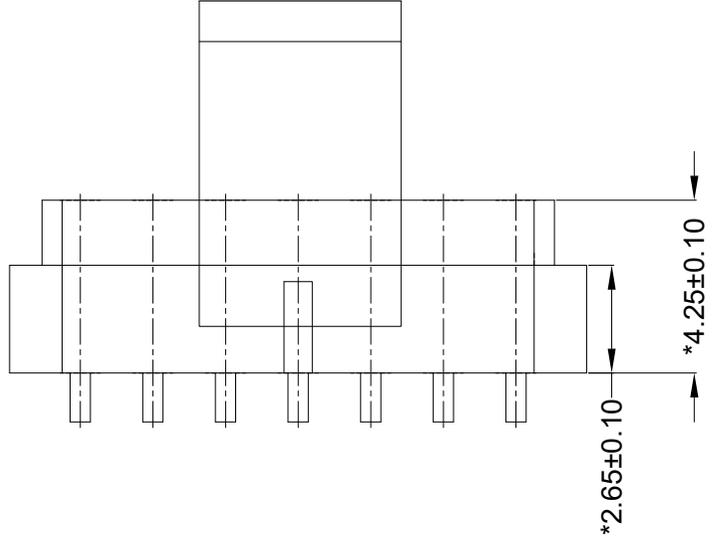
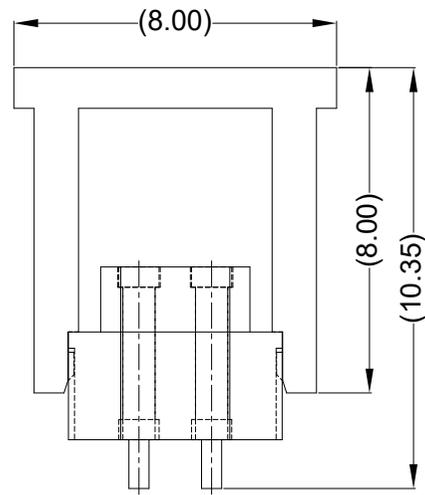
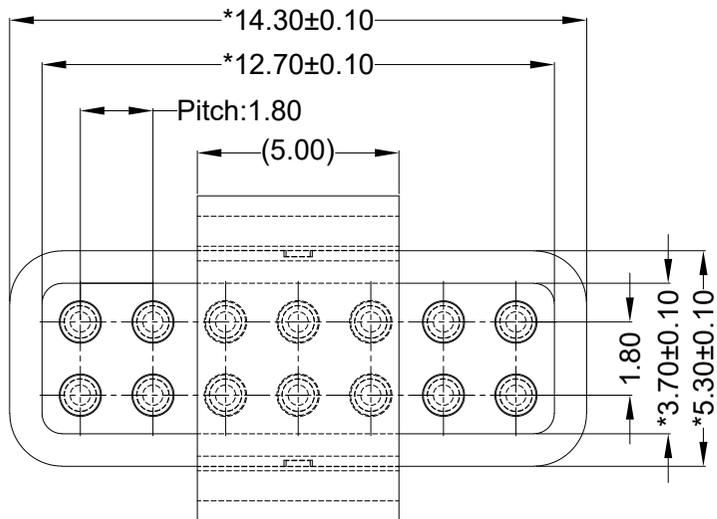


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2025/08/01	Zonlin Wu

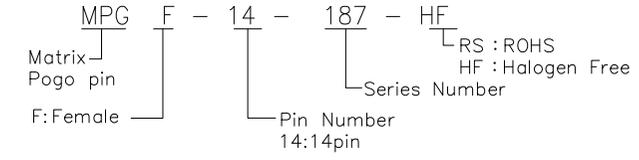


RECOMMEND PCB LAYOUT
Layout Tolerance:±0.05mm

Note

- Material:**
PIN: Lead free Brass ,Plated 3u"Au over 50-120u"Ni
Housing: PA9T Black UL94 V-0
- Electrical:**
Rated Current & Voltage:DC 16V;2.0A(额定电压&电流:直流 16V,2.0A)
Contact Resistance: 50mohm Max. at working height.
- WorkTemperture:**
Withstanding Higt Temperature:260°C
Operational Temperature:-40~85°C
- Waterproof test:IPX6**
防水: 10米/1H (PIN针与塑胶做过盈装配后点胶)
防水: 1米 (低压10~20KPa)
- 48 hours delay test.(48 小时盐雾测试)**
- RoHS & HF compliant products(符合 RoHS&HF标准的产品)**
- 标有""尺寸为重点管控尺寸,
未注倒角均为C0.05mm,未注尺寸公差均为±0.05mm。
- The product design is suitable for both wave soldering and reflow soldering.**

MATRIX PART NO:



Matrix Electronics Co.,Ltd			
TOLERANCE: 0. ±0.3 0.0 ±0.2 0.00 ±0.1 0.000 -	DESIGN BY : Zonlin Wu	DATE : 2025/08/01	PART NAME: Pogopin conn
ANGLE: ±5°	CHECKED BY: Hanson Huang	DATE : 2025/08/01	PART NO. MPGF-14-187-HF
UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2025/08/01	MOLD NO. NA
SCALE:1:1 SIZE:A4	APPROVED BY2: Richard Hsieh	DATE : 2025/08/01	DRAW NO. SHEET NO. 1 OF 1