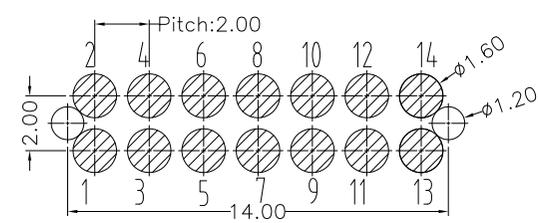
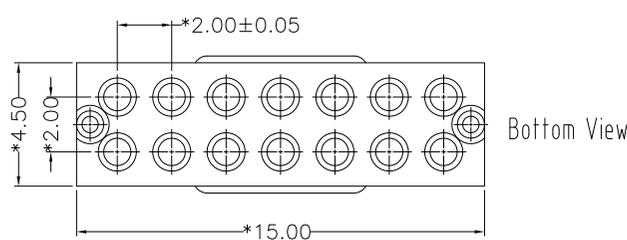
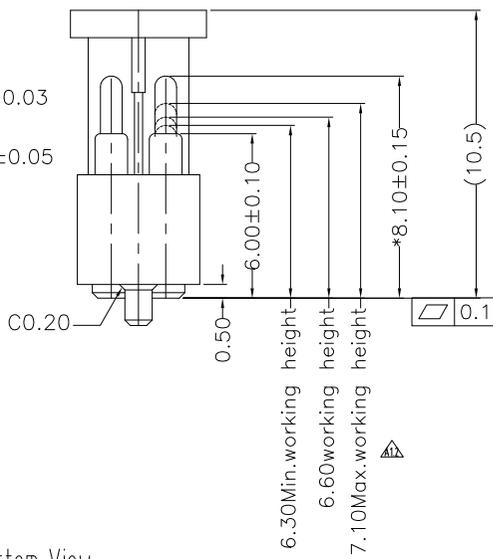
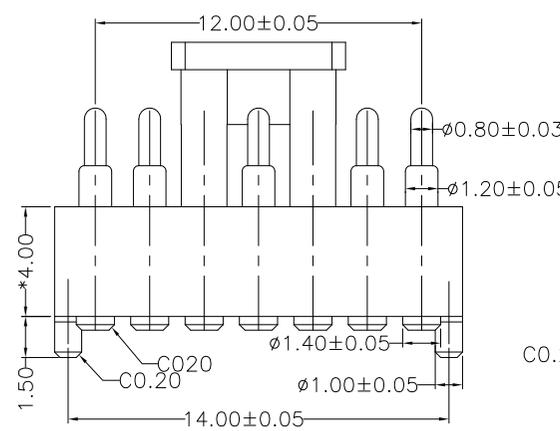
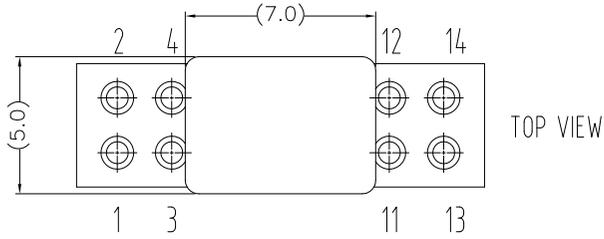


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2023/09/14	Hanson
A1			Add engraving words	2024/06/05	Wu Zonlin
A1.1			Add font, literally reversed	2024/06/06	Wu Zonlin
A1.2			Add workspace boundary annotation	2024/09/13	Wu Zonlin



- Notes:
- Material
 - Plunger&Barrel: Lead free Brass ,Plated Gold flash over 50–120u”Ni
 - Spring: SUS304
 - Housing:PA9T Black UL94 v-0
 - Cap:PA9T Black UL94 v-0
 - Mechanical
 - Normal Spring force: 60g \pm 15g at working height
 - Durability: 10, 000Cycles min
 - Electrical
 - Rated Current&Voltage: DC 12V,2.0A
 - Contact Resistance: 100mohm max at working height(quiescence)
 - Operating Temperature: -40 to +85°C
Humidity Range:10%RH to 90%RH
Solder Temperature: 260°C \pm 5*10s \pm 2s
Salt Spray:24H,No Corrosion
Lead free ,RoHS compliant
 - Packing:Reel&Carrier
 - To ensure the best usage,please operate it based on the working height Based on the engineering drawings ,shall not exceed the maximum allowed stroke
 - *" is the key dimensions .

MATRIX PART NO:

MPG M - 14 - 130 - RS

Matrix Pogo pin M: Male Pin Number 14:14pin RS:ROHS HF:Halogen Free Series Number

Matrix Electronics Co.,Ltd			
TOLERANCE: 0~6.0 $\pm 0.10\text{mm}$ >6~30 $\pm 0.20\text{mm}$ >30~120 $\pm 0.30\text{mm}$ >120 $\pm 0.50\text{mm}$ ANGLE: $\pm 5^\circ$	DESIGN BY : Wu Zonlin	DATE : 2024/09/13	PART NAME: Pogopin conn
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Hanson Huang	DATE : 2024/09/13	PART NO. MPGM-14-130-RS
	APPROVED BY1: Richard Hsieh	DATE : 2024/09/13	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2024/09/13	DRAW NO.
			SHEET NO. 1 OF 1