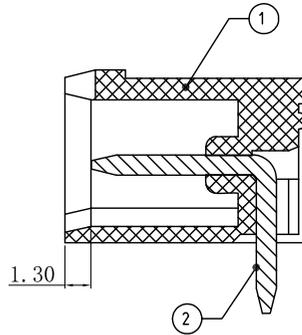
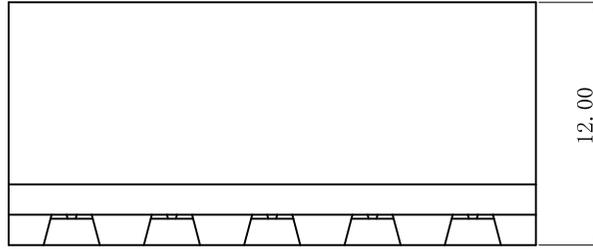


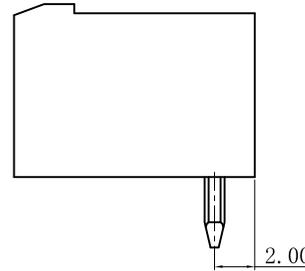
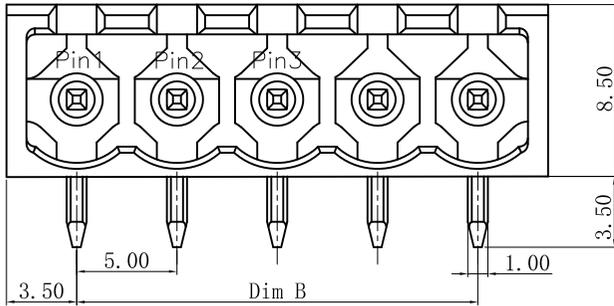
GP Component

| REV. | ECN NO. | LOCATIONS | DESCRIPTION | DATE | DESIGN |
|------|---------|-----------|-------------|------------|--------|
| AO | | | Initial | 2024/09/01 | Hanson |
| AO.1 | | | CHANGE DIM. | 2025/05/02 | Hanson |



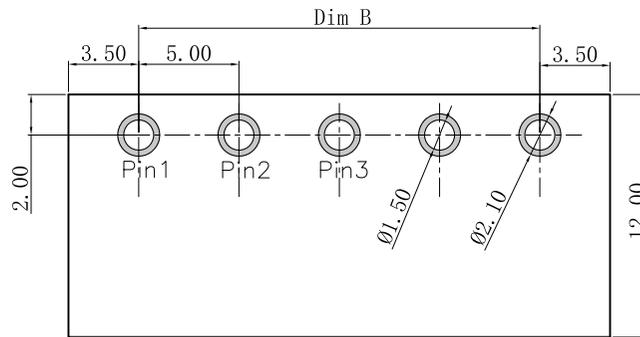
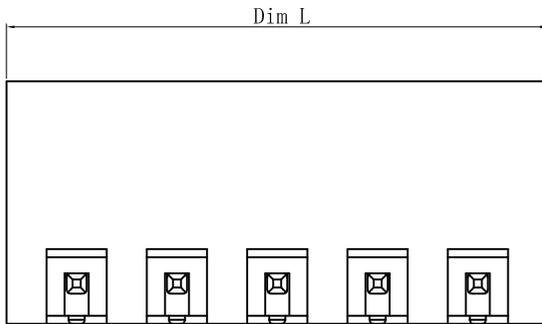
Technical Data:

- Nominal Voltage: 300V
- Current Rating: 15A
- Pitch : 5.00mm
- Insulation Withstanding Voltage: AC 1600V Min
Or AC 2500V Min
- Insulation Resistance: 1000MΩ Or More at DC 500V
- Using Temperature Range: -40°C TO +115°C
- Soldering Temperature: 250±10°C 5S
- Safety Approval:
- Undimentioned Tolerances:



| | Dim B | Dim L |
|-----------------|-------|-------|
| 0 - 30 mm | ±0.15 | ±0.20 |
| Over 30 - 60 mm | ±0.20 | ±0.25 |
| Over 60 - 90 mm | ±0.25 | ±0.30 |
| Over 90 mm | ±0.30 | ±0.40 |

Dim L = (P)X5.0+2.0
 Dim B = (P-1)X5.0
 P = Number Of Poles 2~24Pin



PCB layout (Top View)

MATRIX PART NO:

MSHABH500 02 0 H

PIN Number | R RoHS
02:2PIN | H HF
? | Color
24:24PIN | 0 Black

| NO. | Name | Material | Notes | Q'TY |
|-----|------|--------------|-----------|------|
| 2 | PIN | BRASS | Ni PLATED | P |
| 1 | BODY | PA66 UL94V-0 | All Color | 1 |

| | | | |
|---|---------------|------------|--|
| | | | |
| Matrix Electronics Co.,Ltd | | | |
| TOLERANCE: X:X ±0.50 X:XX ±0.30 X:XXX ±0.20 X:XXX ±0.15 ANGLE: ±5° | DESIGN BY : | DATE : | PART NAME: |
| | Hanson Huang | 2025/05/02 | Pitch5.00mm Right angle DIP Terminal Block Series |
| | CHECKED BY: | DATE : | PART NO. |
| | Vicky Hsieh | 2025/05/02 | MSHABH500020H |
| | APPROVED BY1: | DATE : | MOLD NO. |
| | Richard Hsieh | 2025/05/02 | NA |
| UNIT: mm [inch] | APPROVED BY2: | DATE : | DRAW NO. |
| SCALE:1:1 SIZE:A4 | Richard Hsieh | 2025/05/02 | SHEET NO. |
| | | | 1 OF 1 |