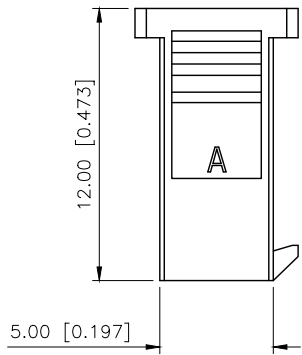
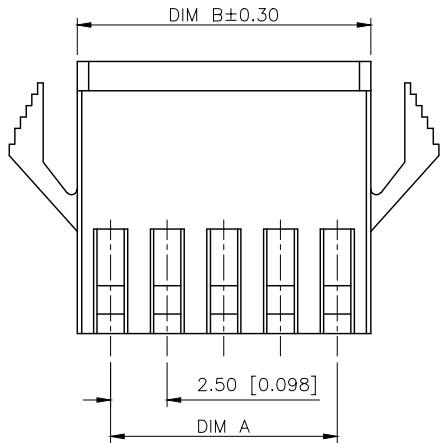
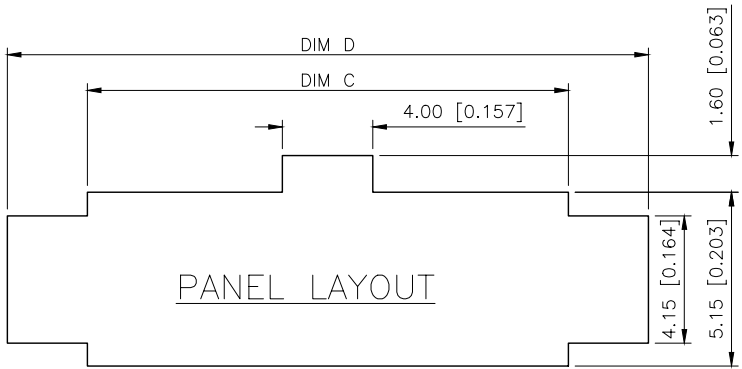
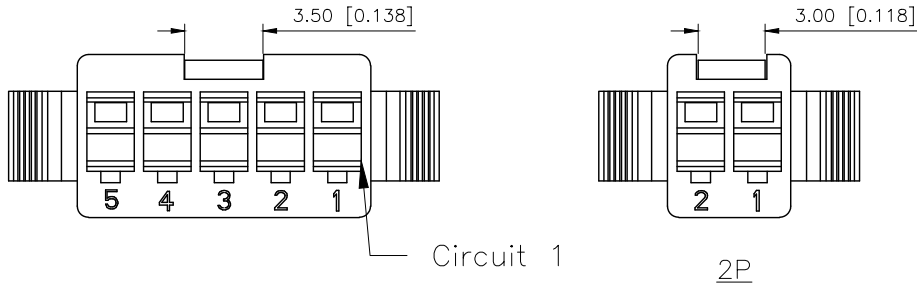


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.07.06 | 桑 葦    |
|           |         |          |                 |            |        |



Specifications (规格):

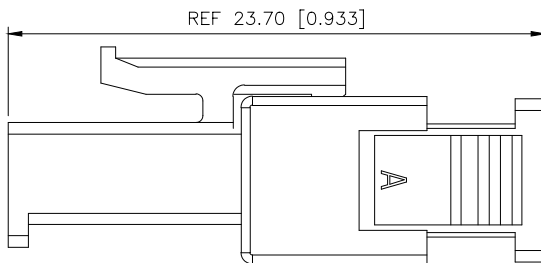
1. Voltage rating (额定电压): 250V AC/DC
2. Current rating (额定电流): 3.0A AC/DC
3. Withstanding voltage (耐压值):  $\geq 1000V$  AC/minute
4. Insulation resistance (绝缘电阻):  $1000M\Omega$  Min
5. Contact resistance (接触电阻):  $20m\Omega$  Max
6. Temperature range (使用温度):  $-45^{\circ}C \sim +125^{\circ}C$

PART NO.:

X2521 H M-09 G-N0  
① ② ③ ④ ⑤ ⑥

- ① Series No
- ② Category: H-Housing
- ③ Welding Board Angle: M-Male Housing
- ④ Row No-Pin: XX:02-12P
- ⑤ Plug the pin&Special NO: Mating X2521HF-G
- ⑥ Material: N0-PA66, UL 94V-0, BLACK

| Poles | APPLICABLE Panel thickness mm |      |         |      |         |      |
|-------|-------------------------------|------|---------|------|---------|------|
|       | 0.5~0.9                       |      | 1.0~1.5 |      | 1.5~2.0 |      |
|       | C                             | D    | C       | D    | C       | D    |
| 02    | 5.7                           | 9.6  | 5.7     | 9.8  | 5.7     | 10.0 |
| 03    | 8.2                           | 12.1 | 8.2     | 12.3 | 8.2     | 12.5 |
| 04    | 10.7                          | 14.6 | 10.7    | 14.8 | 10.7    | 15.0 |
| 05    | 13.2                          | 17.1 | 13.2    | 17.3 | 13.2    | 17.5 |
| 06    | 15.7                          | 19.6 | 15.7    | 19.8 | 15.7    | 20.0 |
| 07    | 18.2                          | 22.1 | 18.2    | 22.3 | 18.2    | 22.5 |
| 08    | 20.7                          | 24.6 | 20.7    | 24.8 | 20.7    | 25.0 |
| 09    | 23.2                          | 27.1 | 23.2    | 27.3 | 23.2    | 27.5 |
| 10    | 25.7                          | 29.6 | 25.7    | 29.8 | 25.7    | 30.0 |
| 11    | 28.2                          | 32.1 | 28.2    | 32.3 | 28.2    | 32.5 |
| 12    | 30.7                          | 34.6 | 30.7    | 34.8 | 30.7    | 35.0 |



ASSEMBLY LAYOUT

|                        |                 |
|------------------------|-----------------|
| ANGULAR                | $\pm 5^{\circ}$ |
| X.                     | $\pm 0.40$      |
| X.x                    | $\pm 0.30$      |
| X.xx                   | $\pm 0.20$      |
| X.xxx                  | $\pm 0.15$      |
| UNSPECIFIED TOLERANCES |                 |



XKB INDUSTRIAL PRECISION CO.,LIMITED

| Poles | Dimensions(mm) |       | Poles | Dimensions(mm) |       |
|-------|----------------|-------|-------|----------------|-------|
|       | A              | B     |       | A              | B     |
| 02    | 2.50           | 5.50  | 08    | 17.50          | 20.50 |
| 03    | 5.00           | 8.00  | 09    | 20.00          | 23.00 |
| 04    | 7.50           | 10.50 | 10    | 22.50          | 25.50 |
| 05    | 10.00          | 13.00 | 11    | 25.00          | 28.00 |
| 06    | 12.50          | 15.50 | 12    | 27.50          | 30.50 |
| 07    | 15.00          | 18.00 |       |                |       |

|                |            |       |                      |
|----------------|------------|-------|----------------------|
| X2521HM-09G-N0 | PA66 94V-0 | BLACK | X2521HF              |
| PART NO.       | MATERIAL   | COLOR | Suitable XKB Housing |

|                       |     |             |                                                                                       |             |                           |          |
|-----------------------|-----|-------------|---------------------------------------------------------------------------------------|-------------|---------------------------|----------|
| DESIGN                | 桑 葦 | VIEW:       |  | MODEL TYPE: | 2.5mm Crimp Style Housing |          |
| CHECKED               |     | UNIT: mm/in |                                                                                       | PART NO.:   | X2521HM-09G-N0            |          |
| APPROVED              |     | SIZE: A4    |                                                                                       | DWG NO.:    | X-X2521HM-09G-N0          |          |
| PRECISION CO.,LIMITED |     |             |                                                                                       | SCALE       | PAGE                      | REVISION |
|                       |     |             |                                                                                       | N/A         | 1 / 1                     | A0       |