

1

2

3

4

A

B

C

D

A

B

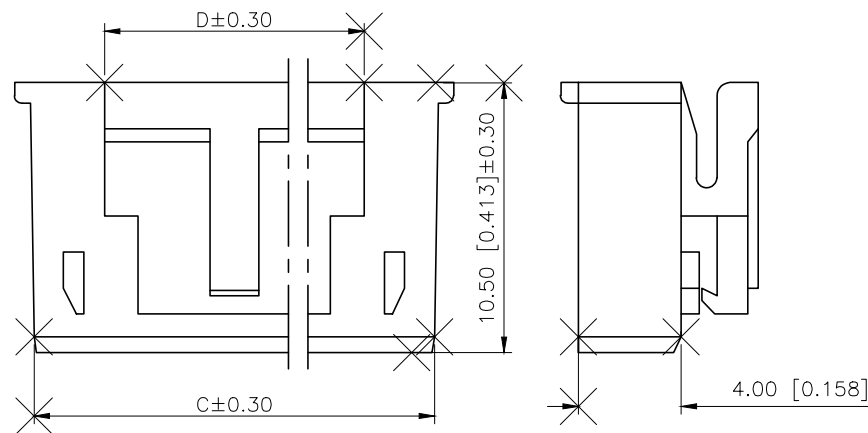
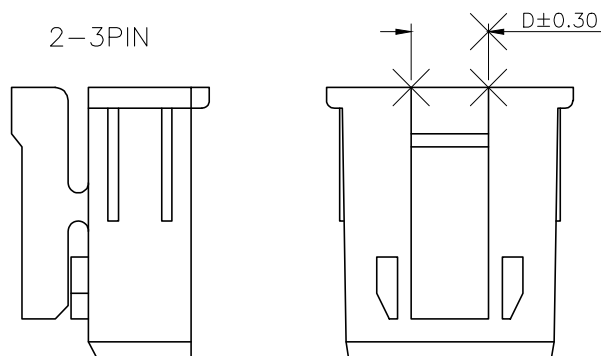
C

D

| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.12 | 阿树     |

6PIN以上

2-3PIN

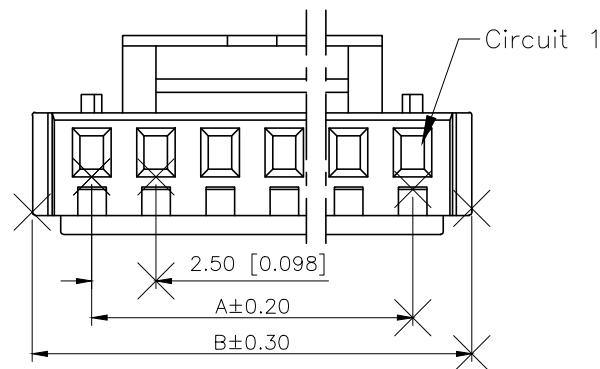
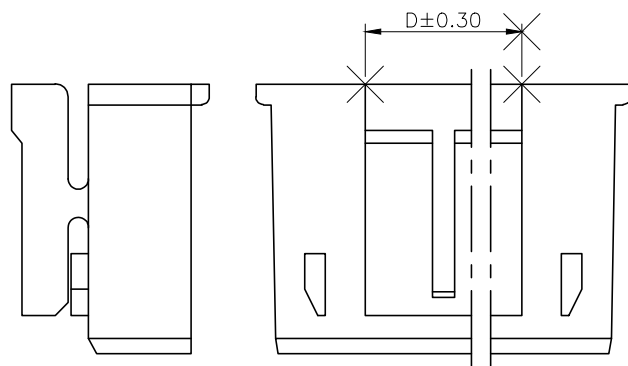


PART NO.:

X2509 H M-10-N0  
① ② ③ ④ ⑤

- ①Series No  
②Category:H-HSG  
③Housing Type:M-Male Housing  
④Row No.Pin No:XX-02P~15P  
⑤Material:N0-PA66 94V-0

4-5PIN



Specifications:

规格:

Voltage rating:250V AC/DC

额定电压: 250V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:1000V AC/minute

耐受电压: 1000V AC/分钟

Temperature range:-40℃~+125℃

温度范围: -40℃~+125℃

Insulation resistance:1000MΩ min

绝缘电阻: 1000MΩ min

Contact resistance:20mΩ max

接触电阻: 20mΩ max

| poles         | Dimensions(mm) |               |       |       | poles                 | Dimensions(mm) |                    |       |       |
|---------------|----------------|---------------|-------|-------|-----------------------|----------------|--------------------|-------|-------|
|               | A              | B             | C     | D     |                       | A              | B                  | C     | D     |
| 02            | 2.50           | 7.00          | 5.60  | 3.00  | 09                    | 20.00          | 24.50              | 23.10 | 13.00 |
| 03            | 5.00           | 9.50          | 8.10  | 3.00  | 10                    | 22.50          | 27.00              | 25.60 | 14.00 |
| 04            | 7.50           | 12.00         | 10.60 | 5.00  | 11                    | 25.00          | 29.50              | 28.10 | 15.00 |
| 05            | 10.00          | 14.50         | 13.10 | 6.00  | 12                    | 27.50          | 32.00              | 30.60 | 16.00 |
| 06            | 12.50          | 17.00         | 15.60 | 10.00 | 13                    | 30.00          | 34.50              | 33.10 | 17.00 |
| 07            | 15.00          | 19.50         | 18.10 | 11.00 | 14                    | 32.50          | 37.00              | 35.60 | 18.00 |
| 08            | 17.50          | 22.00         | 20.60 | 12.00 | 15                    | 35.00          | 39.50              | 38.10 | 19.00 |
| X2509HM-10-N0 |                | PA66 UL 94V-0 |       |       | X2509TF               |                | X2509W             |       |       |
| PART NO       |                | Material      |       |       | Suitable XKB Terminal |                | Suitable XKB Wafer |       |       |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



DESIGN  
CHECKED  
APPROVED

阿树

VIEW:  
UNIT: mm/in  
SIZE: A4

MODEL TYPE:  
2.50mm Crimp Style Connector  
PART NO.:  
X2509HM-10-N0  
DWG NO.:  
X-X2509HM-10-N0

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/1  | A1       |

1

2

3

4