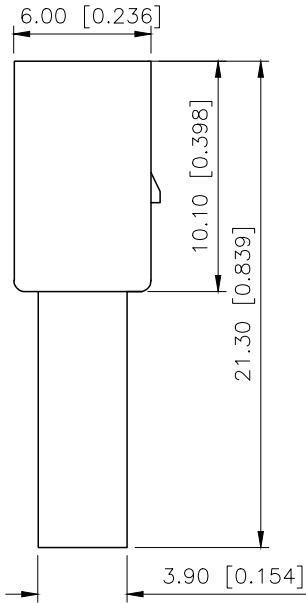
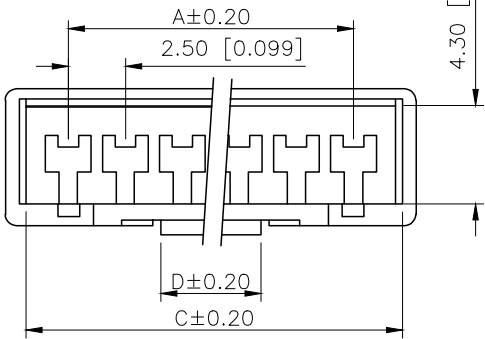
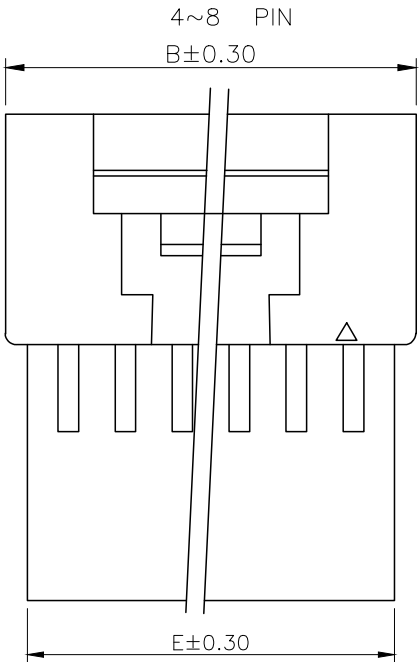
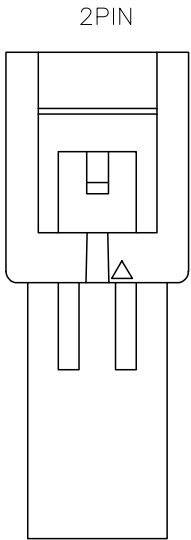
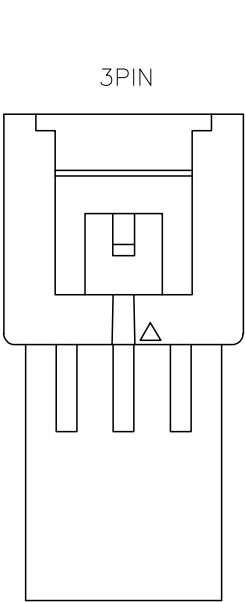


| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1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



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

PART NO.:

X2509 H F-10-N0

① ② ③ ④ ⑤

①Series No  
②Category:H-HSG  
③Housing Type:F-Female Housing  
④Row No.Pin No:XX-02P~08P  
⑤Material:N0-PA66 94V-0

| poles | Dimensions(mm) |       |       |      |
|-------|----------------|-------|-------|------|
|       | A              | B     | C/E   | D    |
| 02    | 2.50           | 8.00  | 6.10  | 0.95 |
| 03    | 5.00           | 10.50 | 8.60  | 0.95 |
| 04    | 7.50           | 13.00 | 11.10 | 1.90 |
| 05    | 10.00          | 15.50 | 13.60 | 1.90 |
| 06    | 12.50          | 18.00 | 16.10 | 4.40 |
| 07    | 15.00          | 20.50 | 18.60 | 4.40 |
| 08    | 17.50          | 23.00 | 21.10 | 4.40 |

|               |               |                       |                    |
|---------------|---------------|-----------------------|--------------------|
| X2509HF-10-N0 | PA66 UL 94V-0 | X2509TM               | 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   | 阿树 | VIEW: |       | MODEL TYPE:<br>2.50mm Crimp Style Connector |
| CHECKED  |    | UNIT: | mm/in | PART NO.:<br>X2509HF-10-N0                  |
| APPROVED |    | SIZE: | A4    | DWG NO.:                                    |