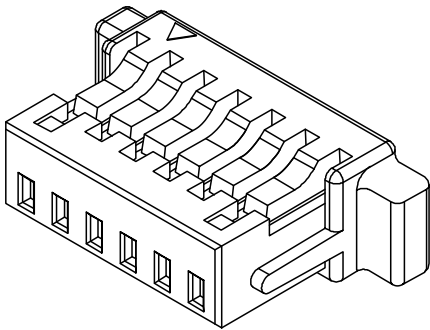
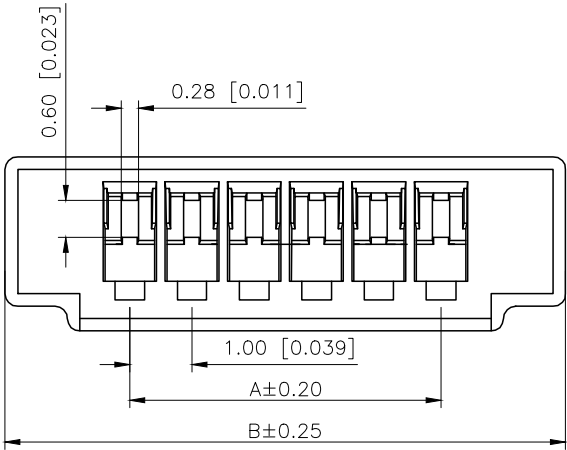


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.04.30 | 阿树     |

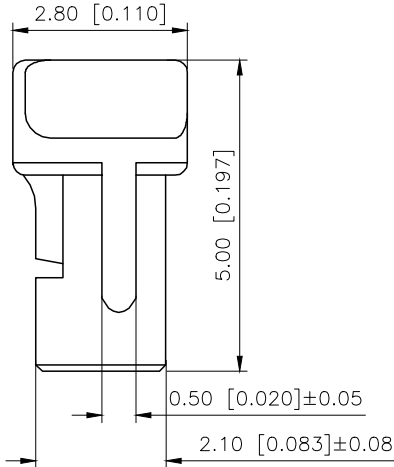
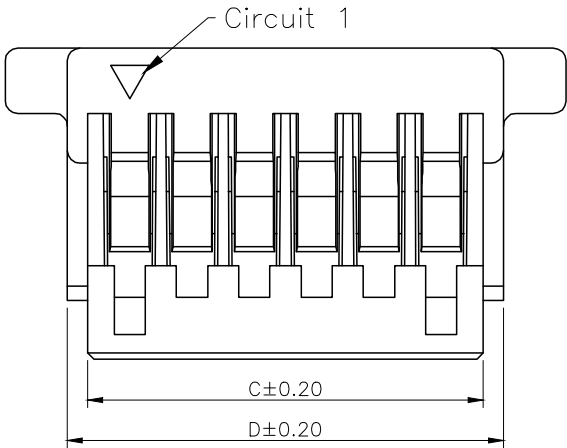


- SPECIFICATIONS
- Voltage rating:50V AC/DC
  - Current rating:1A AC/DC
  - Withstanding Voltage:500V AC/minute
  - Temperature range:-40°C~+125°C
  - Insulation resistance:≥100MΩ
  - Contact resistance:≤20mΩ

PART NO.:

X1002 H-XX E-XX HF  
① ② ③ ④ ⑤ ⑥

- ①Series No  
②Category:H-HSG  
③Row No.Pin No:XX-02~12Pin  
④Plug the Pin & Special No:E-Haveears  
⑤Material:PT-PBT,N0-PA66 94V0  
⑥HF-Halogen Free



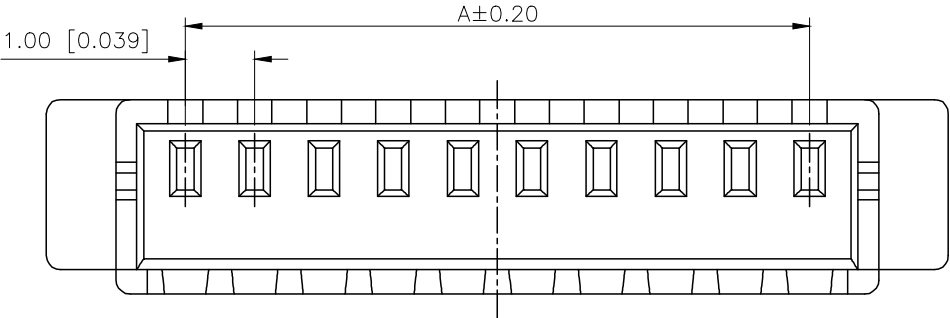
| Poles | Dimensions/mm |       |       |       |
|-------|---------------|-------|-------|-------|
|       | A             | B     | C     | D     |
| 02    | 1.00          | 5.00  | 2.35  | 3.00  |
| 03    | 2.00          | 6.00  | 3.35  | 4.00  |
| 04    | 3.00          | 7.00  | 4.35  | 5.00  |
| 05    | 4.00          | 8.00  | 5.35  | 6.00  |
| 06    | 5.00          | 9.00  | 6.35  | 7.00  |
| 08    | 7.00          | 11.00 | 8.35  | 9.00  |
| 09    | 8.00          | 12.00 | 9.35  | 10.00 |
| 10    | 9.00          | 13.00 | 10.35 | 11.00 |
| 11    | 10.00         | 14.00 | 11.35 | 12.00 |
| 12    | 11.00         | 15.00 | 12.35 | 13.00 |

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

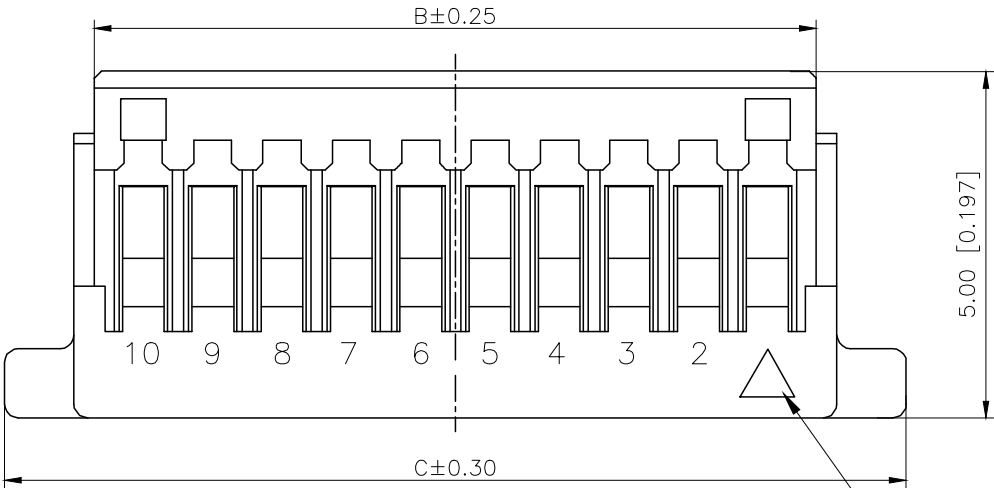
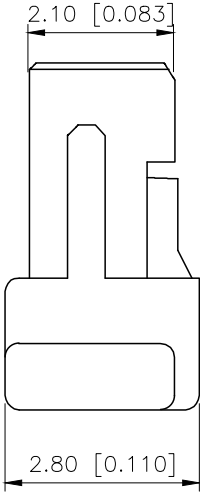


|                 |    |                            |                                          |                       |
|-----------------|----|----------------------------|------------------------------------------|-----------------------|
| X1002H-XXE-N0HF |    | PA66 UL 94V-0 Halogen Free | X1002T                                   | X1002W                |
| PART NO         |    | Material                   | Suitable XKB Terminal                    | Suitable XKB Terminal |
| DESIGN          | 阿树 | VIEW:                      | MODEL TYPE: 1.0mm Crimp Style Connectors |                       |
| CHECKED         |    | UNIT: mm/in                | PART NO.: X1002H-XXE-N0HF                |                       |
| APPROVED        |    | SIZE: A4                   | DWG NO.:                                 |                       |

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.04.30 | 阿树     |



- SPECIFICATIONS
- Voltage rating:50V AC/DC
  - Current rating:1A AC/DC
  - Withstanding Voltage:500V AC/minute
  - Temperature range:-40°C~+125°C
  - Insulation resistance:≥100MΩ
  - Contact resistance:≤20mΩ



PART NO.:  
X1002 H-XX E-XX HF  
① ② ③ ④ ⑤ ⑥

①Series No  
②Category:H-HSG  
③Row No.Pin No:XX-07Pin  
④Plug the Pin & Special No:E-Haveears  
⑤Material:PT-PBT,N0-PA66 94V0  
⑥HF-Halogen Free

Circuit 1

| Poles | Dimensions/mm |      |       |
|-------|---------------|------|-------|
|       | A             | B    | C     |
| 07    | 6.00          | 7.40 | 10.00 |

|                 |                            |                       |                       |
|-----------------|----------------------------|-----------------------|-----------------------|
| X1002H-XXE-N0HF | PA66 UL 94V-0 Halogen Free | X1002T                | X1002W                |
| PART NO         | Material                   | Suitable XKB Terminal | Suitable XKB Terminal |

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



|          |    |       |       |
|----------|----|-------|-------|
| DESIGN   | 阿树 | VIEW: |       |
| CHECKED  |    | UNIT: | mm/in |
| APPROVED |    | SIZE: | A4    |

|             |                              |
|-------------|------------------------------|
| MODEL TYPE: | 1.0mm Crimp Style Connectors |
| PART NO.:   | X1002H-XXE-N0HF              |
| DWG NO.:    |                              |

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 2/2  | A1       |