

| REVISIONS |         |          |                 |          |        |
|-----------|---------|----------|-----------------|----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE     | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /        | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.7 | 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:1500V AC/minute  
耐受电压: 1500V AC/分钟  
Temperature range:-25℃-+85℃  
温度范围: -25℃-+85℃  
Insulation resistance:500MΩ min  
绝缘电阻: 500MΩ Min  
Contact resistance:15mΩ Max  
接触电阻: 15mΩ Max

PART NO.:

X2501 H-06-N0 W  
① ② ③ ④ ⑤

- ①Series No  
②Category:H-HSG  
③Row No.Pin No:XX-02~25 Pin  
④Material:N0-PA66 UL94V-0  
⑤Color: BK-Black ; BN-Brown ; BL-Blue  
R-Red ; G-Green ; W-White ; Y-Yellow

| Poles | Dimensions(mm) |       | Poles | Dimensions(mm) |       |
|-------|----------------|-------|-------|----------------|-------|
|       | A              | B     |       | A              | B     |
| 02    | 2.50           | 5.90  | 14    | 32.50          | 35.90 |
| 03    | 5.00           | 8.40  | 15    | 35.00          | 38.40 |
| 04    | 7.50           | 10.90 | 16    | 37.50          | 40.90 |
| 05    | 10.00          | 13.40 | 17    | 40.00          | 43.40 |
| 06    | 12.50          | 15.90 | 18    | 42.50          | 45.90 |
| 07    | 15.00          | 18.40 | 19    | 45.00          | 48.40 |
| 08    | 17.50          | 20.90 | 20    | 47.50          | 50.90 |
| 09    | 20.00          | 23.40 | 21    | 50.00          | 53.40 |
| 10    | 22.50          | 25.90 | 22    | 52.50          | 55.90 |
| 11    | 25.00          | 28.40 | 23    | 55.00          | 58.40 |
| 12    | 27.50          | 30.90 | 24    | 57.50          | 60.90 |
| 13    | 30.00          | 33.40 | 25    | 60.00          | 63.40 |

|               |          |                    |                       |
|---------------|----------|--------------------|-----------------------|
| X2501H-06-N0W | PA66     | X2501W             | X2501T                |
| PART NO       | Material | Suitable XKB Wafer | Suitable XKB Terminal |

|                        |       |
|------------------------|-------|
| 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: | 2.5mm Crimp Style Connector |
| CHECKED  |    | UNIT: | mm/in | PART NO.:   | X2501H-06-N0W               |
| APPROVED |    | SIZE: | A4    | DWG NO.:    | X-X2501H-06-N0W             |

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

XKB INDUSTRIAL PRECISION CO.,LIMITED