



- Voltage rating: 50 V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:  $\geq 100\text{M}\Omega$
- Contact resistance:  $\leq 20\text{m}\Omega$
- After environmental testing:  $\leq 40\text{m}\Omega$

X1002 W R S- 05 L- HF-LP SW  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category : W-WAFER
- ③ Wedding Board Angle : R-Straight Angle 90°
- ④ Welding Way:S-SMT
- ⑤ Row No.Pin No.XX-Single row
- ⑥ Plug the Pin & Special No:L-With Lock
- ⑦ HF-Halogen Free;Blank-Halogen
- ⑧ Material:LP-LCP 94V-0
- ⑨ Planting Category: SW-Matte Tin plating(Tin:70u Min)

| Poles | Dimensions(mm) |       |       | Poles | Dimensions(mm) |       |       |
|-------|----------------|-------|-------|-------|----------------|-------|-------|
|       | A              | B     | C     |       | A              | B     | C     |
| 02    | 1.00           | 4.00  | 2.00  | 11    | 10.00          | 13.00 | 11.00 |
| 03    | 2.00           | 5.00  | 3.00  | 12    | 11.00          | 14.00 | 12.00 |
| 04    | 3.00           | 6.00  | 4.00  | 13    | 12.00          | 15.00 | 13.00 |
| 05    | 4.00           | 7.00  | 5.00  | 14    | 13.00          | 16.00 | 14.00 |
| 06    | 5.00           | 8.00  | 6.00  | 15    | 14.00          | 17.00 | 15.00 |
| 07    | 6.00           | 9.00  | 7.00  | 16    | 15.00          | 18.00 | 16.00 |
| 08    | 7.00           | 10.00 | 8.00  | 18    | 17.00          | 20.00 | 18.00 |
| 09    | 8.00           | 11.00 | 9.00  | 20    | 19.00          | 22.00 | 20.00 |
| 10    | 9.00           | 12.00 | 10.00 |       |                |       |       |

|                      |                              |                                  |                                |                       |
|----------------------|------------------------------|----------------------------------|--------------------------------|-----------------------|
| X1002WRS-05L-HF-LPSW | LCP UL 94V-0<br>Halogen Free | Phosphor Bronze                  | Tin Plating Fog                | X1002H-L              |
| PART NO              | Material                     | Material(Pin And<br>Solder Tabs) | Finish(Pin And<br>Solder Tabs) | Suitable XKB Terminal |

|                                                   |             |      |         |          |             |      |                        |  |                                      |              |                                                                                             |                                             |
|---------------------------------------------------|-------------|------|---------|----------|-------------|------|------------------------|--|--------------------------------------|--------------|---------------------------------------------------------------------------------------------|---------------------------------------------|
|                                                   |             |      |         |          |             |      | DSND                   |  | DATE                                 |              | SCALE: N/A                                                                                  | MODEL TYPE:<br>1.0mm Crimp Style Connectors |
|                                                   |             |      |         |          | ANGULAR     | ±5°  | DWN                    |  | DATE                                 |              | VIEW:  | PART NO.:<br>X1002WRS-05L-HF-LPSW           |
| ΔX                                                |             |      |         |          | L ≤ 4       | ±0.2 | CHKD                   |  | DATE                                 |              | UNIT: mm/in                                                                                 | DWG NO.:<br>X-X1002WRS-05L-HF-LPSW          |
| ΔX                                                |             |      |         |          | 4 < L ≤ 16  | ±0.3 | APPD                   |  | DATE                                 |              | SIZE: A4                                                                                    |                                             |
| ΔX                                                |             |      |         |          | 16 < L ≤ 63 | ±0.4 |                        |  |                                      |              |                                                                                             |                                             |
| MARK                                              | DESCRIPTION | DATE | REVISED | APPROVED | L > 63      | ±0.5 |                        |  |                                      |              |                                                                                             |                                             |
| REVISIONS                                         |             |      |         |          |             |      | UNSPECIFIED TOLERANCES |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |              |                                                                                             |                                             |
| www.xk-dg.cn   www.helloxkb.com   www.helloxkb.cn |             |      |         |          |             |      |                        |  | WEIGHT<br>1.0g                       | SHEET<br>1/1 | REVISION<br>A0                                                                              |                                             |