

■ Specifications :

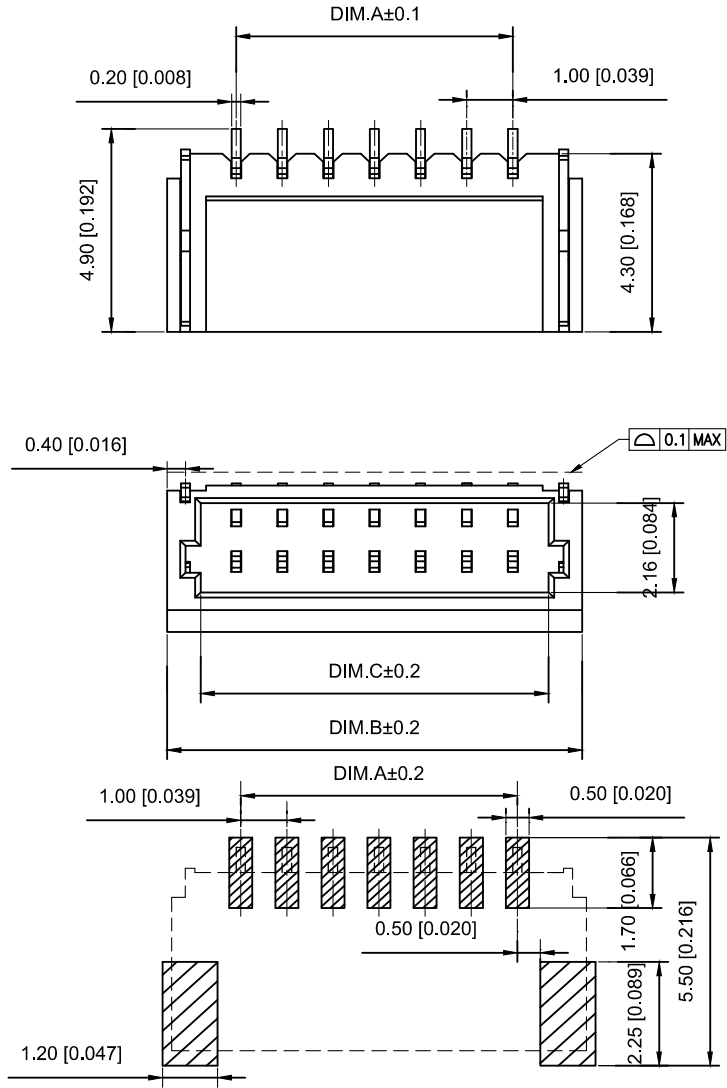
- Voltage rating: 50 V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing:≤40mΩ

X1002 W R S- 10 L- HF-LP SW  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

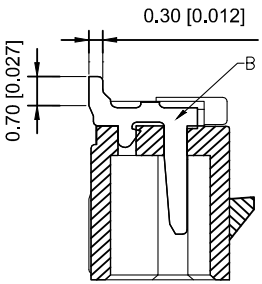
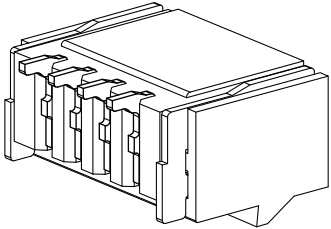
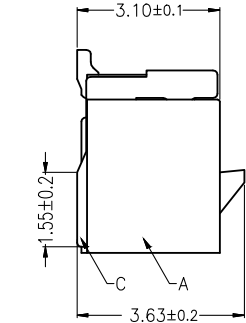
- ① Series No.  
② Category : W-WAFER  
③ Wedding Board Angle : R-Stright Angle 90°  
④ Welding Way:S-SMT  
⑤ Row No.Pin No.XX-Single row  
⑥ Plug the Pin & Special No:L-With Lock  
⑦ HF-Halogen Free;Blank-Halogen  
⑧ Material:LP-LCP 94V-0  
⑨ Planting Category: SW-Matte Tin plating(Tin:70u Min)

| Poles | Dimensions(mm) |       |       | Poles | Dimensions(mm) |       |       |
|-------|----------------|-------|-------|-------|----------------|-------|-------|
|       | A              | B     | C     |       | A              | B     | C     |
| 02    | 1.00           | 4.00  | 2.50  | 11    | 10.00          | 13.00 | 11.00 |
| 03    | 2.00           | 5.00  | 3.50  | 12    | 11.00          | 14.00 | 12.00 |
| 04    | 3.00           | 6.00  | 4.50  | 13    | 12.00          | 15.00 | 13.00 |
| 05    | 4.00           | 7.00  | 5.50  | 14    | 13.00          | 16.00 | 14.00 |
| 06    | 5.00           | 8.00  | 6.50  | 15    | 14.00          | 17.00 | 15.00 |
| 07    | 6.00           | 9.00  | 7.50  | 16    | 15.00          | 18.00 | 16.00 |
| 08    | 7.00           | 10.00 | 8.50  | 18    | 17.00          | 20.00 | 18.00 |
| 09    | 8.00           | 11.00 | 9.50  | 20    | 19.00          | 22.00 | 20.00 |
| 10    | 9.00           | 12.00 | 10.50 |       |                |       |       |

|                      |                              |                                  |                                |                       |
|----------------------|------------------------------|----------------------------------|--------------------------------|-----------------------|
| X1002WRS-10L-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 |



Recommend PCB Layout



|                                                     |             |  |  |  |           |         |          |                        |      |  |                                                                                             |                                             |                                      |  |  |
|-----------------------------------------------------|-------------|--|--|--|-----------|---------|----------|------------------------|------|--|---------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|--|--|
|                                                     |             |  |  |  |           |         | DSND     |                        | DATE |  | SCALE: N/A                                                                                  | MODEL TYPE:<br>1.0mm Crimp Style Connectors |                                      |  |  |
|                                                     |             |  |  |  | ANGLAR    | ±5°     | DWN      |                        | DATE |  | VIEW:  | PART NO.:<br>X1002WRS-10L-HF-LPSW           |                                      |  |  |
| ΔX                                                  |             |  |  |  | L ≤ 4     | ±0.2    | CHKD     |                        | DATE |  | UNIT: mm/in                                                                                 | DWG NO.:<br>X-X1002WRS-10L-HF-LPSW          |                                      |  |  |
| ΔX                                                  |             |  |  |  | 4<L ≤ 16  | ±0.3    |          |                        |      |  |                                                                                             |                                             |                                      |  |  |
| ΔX                                                  |             |  |  |  | 16<L ≤ 63 | ±0.4    | APPD     |                        | DATE |  | SIZE: A4                                                                                    |                                             |                                      |  |  |
| ΔX                                                  |             |  |  |  | L > 63    | ±0.5    |          |                        |      |  |                                                                                             |                                             |                                      |  |  |
| MARK                                                | DESCRIPTION |  |  |  | DATE      | REVISED | APPROVED | UNSPECIFIED TOLERANCES |      |  |                                                                                             |                                             | XKB INDUSTRIAL PRECISION CO.,LIMITED |  |  |
| REVISIONS                                           |             |  |  |  |           |         |          |                        |      |  |                                                                                             |                                             |                                      |  |  |
| www.xk-dg.cn    www.helloxkb.com    www.helloxkb.cn |             |  |  |  |           |         |          |                        |      |  |                                                                                             |                                             |                                      |  |  |