



SUGGESTD PCB LAYOUT
(COMPONENT SIDE)

Specifications :

- Voltage rating: 50 V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+110°C
- Insulation resistance: $\geq 100M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing : $\leq 50m\Omega$

X1251 W V S-XX HF-XX-SN
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② Category : W-WAFER
- ③ Welding Board Angle : V-Straight 180°
- ④ Welding Way:S-SMT
- ⑤ Row No.-Pin No.: XX-02P~15P
- ⑥ Plug the Pin & Special NO.:HF-Halogen free
- ⑦ Material : 9T-PA9T;46-PA46;LP-LCP 94V-0
- ⑧ Planting Category:
V01:All Gold Flash;SW-Matte Tin Plating

| Poles | Dimensions(mm) | | |
|-------|----------------|-------|-------|
| | A | B | C |
| 02 | 1.25 | 5.75 | 3.75 |
| 03 | 2.50 | 7.00 | 5.00 |
| 04 | 3.75 | 8.25 | 6.25 |
| 05 | 5.00 | 9.50 | 7.50 |
| 06 | 6.25 | 10.75 | 8.75 |
| 07 | 7.50 | 12.00 | 10.00 |
| 08 | 8.75 | 13.25 | 11.25 |
| 09 | 10.00 | 14.50 | 12.50 |
| 10 | 11.25 | 15.75 | 13.75 |
| 11 | 12.50 | 17.00 | 15.00 |
| 12 | 13.75 | 18.25 | 16.25 |
| 13 | 15.00 | 19.50 | 17.50 |
| 14 | 16.25 | 20.75 | 18.75 |
| 15 | 17.50 | 22.00 | 20.00 |

| | | | | |
|--------------------|------------------------------|-----------------------------|-------------|-----------------------|
| X1251WVS-XXHF-LPSW | LCP UL 94V-0 Halogen Free | Phosphor Bronze | Tin-Plated | X1251H |
| X1251WVS-XXHF-9TWS | Nylon 9T UL 94V-0 | | | |
| PART NO | Material | Material(Pin&Solder Tab) | Finish(Pin) | Suitable XXB Terminal |

| | | | | | |
|------|--|------|--|--------------------------------------|-----------------------------------|
| DSND | | DATE | | SCALE: N/A | MODEL TYPE: X1255WVS-XXHF-XXSW |
| DWN | | DATE | | VIEW: | PART NO.: |
| CHKD | | DATE | | UNIT: mm/in | 1.25mm Crimp Style Connectors |
| APPD | | DATE | | SIZE: A4 | DWG NO.: |
| | | | | XKB INDUSTRIAL PRECISION CO.,LIMITED | WEIGHT 1.0g |
| | | | | | SHEET 1/1 |
| | | | | | REVISION A0 |

| | |
|------------------|---------------|
| ANGLAR | $\pm 5^\circ$ |
| $L \leq 4$ | ± 0.2 |
| $4 < L \leq 16$ | ± 0.3 |
| $16 < L \leq 63$ | ± 0.4 |
| $L > 63$ | ± 0.5 |

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