# Specifications:

- Voltage rating:250V AC / DC
- Temperature range -40 to +110
- Insulator:PA66 UL 94V-0 Nature.
- Terminal:Phosphor Bronze

X251 4H I-XXL-X-XX
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Welding Board Angle: I-HSG+hardware
- ④ Row No.-Pin No.: XX-Single row
- ⑤ L:With Lock
- ⑥ 0=Tin plated120~200u" over Ni 30u" overall,for AWG #22~#24
  I=Tin plated120~200u" over Ni 30u" overall,for AWG #26.
  G=Gold Flash over Ni 80~150u" overall.
- ⑦ See the Table of next page.

| PART NO | Material | Wire Range | Material(Terminal) | Suitable XKB Terminal |
|---|---|---|---|---|
| X2514H I-XXL-X-XX | PA66 94V-0 | AWG #22-#24<br>AWG #26 | Phosphor Bronze | X2514W |

A=2.50*(No. of circuit-1)
B=A+5.0

PCB LAYOUT

2.50 [.098]
1.60 [.063]
2.50 [.098]
1.60 [.063]
0.60 [.024]
0.70 [.028]
1.25 [.049]
1.50 [.059]
≥5.00 [.197]
5.50 [.217]
1.50 [.059]
2.90 [.114]
1.05 [.041]
2.75 [.108]

First Pin (第一Pin)

Lock
Key
First Pin (第一Pin)
Exterior Wall（外墙）

B+0.20

2.10±0.35 [.083±.014]
6.20 [.244]
1.85 [.073]

First Pin
A
2.50 [.098]
11.00 [.433]

6.60 [.260]
5.30 [.209]
4.80 [.189]
7.35 [.289]

| | | | | | | MARK |
|---|---|---|---|---|---|---|
| REVISIONS | | | | | | |
| DESCRIPTION | | DATE | REVISED | APPROVED | | ▽ X |
| | | | | | | ▽ X |
| | | | | | | ▽ X |

For and on behalf of
XKB INDUSTRIAL PRECISION CO., LIMITED
昆山嘉华工业精密有限公司

Authorised Signature(s)

| UNSPECIFIED TOLERANCES | | |
|---|---|---|
| L>63 | ±0.5 | |
| 16<L≤63 | ±0.4 | |
| 4<L≤16 | ±0.3 | |
| L≤4 | ±0.2 | |
| ANGULAR | ±5° | |

| | | |
|---|---|---|
| DSND | DATE | SCALE: N/A |
| DWN | DATE | VIEW: ⊕ |
| CHKD | DATE | UNIT: mm |
| APPD | DATE | SIZE: A4 |

MODEL TYPE: X2514HI-XXL-X-XX
PART NO.: 2.5mm IDC Style Connectors
DWG NO.:

XKB INDUSTRIAL PRECISION CO., LIMITED

| WEIGHT | SHEET | REVISION |
|---|---|---|
| 1.0g | 1/1 | A0 |

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