

A

B

C

D

Dimensions (mm)

Circuit	A	B
02	5.85	1.25
03	7.10	2.50
04	8.35	3.75
05	9.60	5.00
06	10.85	6.25
07	12.10	7.50

SPECIFICATIONS (规格):

- Voltage rating(额定电压): DC 50V
- Current rating(额定电流): 1A AC/DC
- Withstanding voltage(耐压值): $\geq 250V$ AC/minute
- Insulation resistance(绝缘电阻): $\geq 100M\Omega$ Min
- Contact resistance(接触电阻): $\leq 20m\Omega$ Max
- Temperature range(使用温度): $-40^{\circ}C \sim +125^{\circ}C$
- Plug-in force(插入力): $\geq 3N$ (per pin)
- Plug-out force(拔出力): $\geq 0.3N$ (per pin)

PART NO.:

X1254 W V S-04-LP SW
① ② ③ ④ ⑤ ⑥ ⑦

① Series No
② Category: W-Wafer
③ Welding Board Angle: V-Stright 180°
④ Welding Way: S-SMT
⑤ Row No./Pin No.: XX-02~07/Pin
⑥ Material: LP-LCP UL94V-0
⑦ Plating: SW-Matte tin plating

UNSPECIFIED TOLERANCES

AuGLAR	$\pm 5'$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15

XKB INDUSTRIAL PRECISION CO., LIMITED

DESIGN 阿树 **VIEW:**
CHECKED **UNIT:** mm/in
APPROVED **SIZE:** A4

MODEL TYPE: 1.25mm Crimp Style Connector
PART NO.: X1254WVS-04-LPSW
DWG NO.:

SCALE N/A **PAGE** 1/2 **REVISION** A1

1 2 3 4

REV. ECN NO. LOCATION DESCRIPTION DATE DESIGN

A0 N/A INITIAL RELEASE / /

A1 N/A 图面升级整理图面 2025.07.07 阿树

0.20 [0.008] 0.20 [0.008] 0.15 [0.006] 4.40 [0.173]

1.25 [0.049] A±0.20 B±0.10 0.15 [0.006] 5.45 [0.214] A

0.625 [0.025] Circuit 1

5.45 [0.214]±0.15 2.20 [0.086]

SECTION A-A

1.00 [0.039]±0.10 2.30 [0.090] 2.30 [0.091] 2.80 [0.110] 3.90 [0.153] 5.60 [0.220] 0.60 [0.024]±0.05

Circuit 1

1.25 [0.049]±0.05

PCB LAYOUT

PART NO.: X1254 W V S-04-LP SW ① ② ③ ④ ⑤ ⑥ ⑦

①Series No
②Category:W-Wafer
③Welding Board Angle:V-Stright 180°
④Welding Way: S-SMT
⑤Row No.Pin No:XX-08~15Pin
⑥Material:LP-LCP UL94V-0
⑦Planting: SW-Matte tin plating

Specifications(规格):
1.Voltage rating(额定电压):DC 50V
2.Current rating(额定电流):1A AC/DC
3.Withstanding voltage(耐压值):≥250V AC/minute
4.Insulation resistance(绝缘电阻):≥100MΩ Min
5.Contact resistance(接触电阻):≤20mΩ Max
6.Temperature range(使用温度):-40℃~+125℃
7.Plug-in force(插入力):≥3N (per pin)
8.Plug-out force(拔出力):≥0.3N (per pin)

Circuit	Dimensions(mm)	
	A	B
08	13.35	8.75
09	14.60	10.00
10	15.85	11.25
11	17.10	12.50
12	18.35	13.75
13	19.60	15.00
14	20.85	16.25
15	22.10	17.50

X1254WVS-04-LPSW		LCP	Brass	Tin-Plated	X1254H
PART NO	Material	Material(Pin)	Finsh(Pin)	Suitable XKB Housing	
DESIGN	阿树	VIEW:	MODEL TYPE: 1.25mm Crimp Style Connector		
CHECKED		UNIT: mm/in	PART NO.: X1254WVS-04-LPSW		
APPROVED		SIZE: A4	DWG NO.:		
			SCALE N/A	PAGE 2/2	REVISION A1

AuGLAR ±5°

X. ±0.40

X.x ±0.30

X.xx ±0.20

X.xxx ±0.15

UNSPECIFIED TOLERAuCES

www.helloxkb.com www.helloxkb.cn www.xk-dg.cn

XKB 星域 Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED

1 2 3 4