

Technical drawing of a connector assembly, showing multiple views and dimensions.

Dimensions (mm):

- Top View: 4.40 [0.173], 0.20 [0.008], 0.20 [0.008]
- Side View: 1.25 [0.049], B±0.10, 0.15 [0.006], 5.45 [0.214], 0.15 [0.006]
- Section A-A: 1.00 [0.039], 0.60 [0.024], 2.20 [0.086], 2.20 [0.086]
- PCB LAYOUT: 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], 1.25 [0.049]±0.05, 0.60 [0.024]±0.05
- Bottom View: A±0.20, 0.15 [0.006]
- Detail View: 5.45 [0.214]±0.15

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): ≥250V AC/minute
- Insulation resistance (绝缘电阻): ≥100MΩ Min
- Contact resistance (接触电阻): ≤20mΩ Max
- Temperature range (使用温度): -40℃~+125℃
- Plug-in force (插入力): ≥3N (per pin)
- Plug-out force (拔出力): ≥0.3N (per pin)

PART NO.:

X1254 W V S-08-LP SW

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-02~07Pin
⑥ Material: LP-LCP UL94V-0
⑦ Plating: SW-Matte tin plating

Dimensions (mm)

Circuit	Dimensions (mm)	
	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

UNSPECIFIED TOLERANCES

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15

Connection

XKB INDUSTRIAL PRECISION CO., LIMITED

DESIGN 阿树 **VIEW:**  **MODEL TYPE:** 1.25mm Crimp Style Connector

CHECKED **UNIT:** mm/in **PART NO.:** X1254WS-08-LPSW

APPROVED **SIZE:** A4 **DWG NO.:**

SCALE **PAGE** **REVISION**

SCALE	PAGE	REVISION
N/A	1/2	A1

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Technical drawing of a 1254 WVS-08-LP SW connector, showing multiple views and dimensions.

Views:

- Top View: Shows overall dimensions including 0.20 [0.008], 0.20 [0.008], 0.15 [0.00], 4.40 [0.173], 1.25 [0.049], A±0.20, B±0.10, 0.15 [0.006], 5.45 [0.214], and 0.625 [0.025].
- Section A-A: Shows cross-sectional dimensions including 1.00 [0.039], 0.60 [0.024], 2.20 [0.086], and 2.20 [0.086].
- PCB LAYOUT: Shows dimensions for the PCB layout including 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], 1.25 [0.049]±0.05, 0.60 [0.024]±0.05, and Circuit 1.
- Isometric View: Shows the 3D perspective of the connector.

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): ≥250V AC/minute
- Insulation resistance (绝缘电阻): ≥100MΩ Min
- Contact resistance (接触电阻): ≤20mΩ Max
- Temperature range (使用温度): -40℃~+125℃
- Plug-in force (插入力): ≥3N (per pin)
- Plug-out force (拔出力): ≥0.3N (per pin)

Part No.: X1254 W V S-08-LP SW

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

Dimensions (mm):

Circuit	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

Material and Housing:

Material	Housing
X1254WVS-08-LPSW	LCP
Brass	Tin-Plated
X1254H	X1254H

Design and Approval:

DESIGN	阿树	VIEW:	MODEL TYPE:
CHECKED		UNIT: mm/in	1.25mm Crimp Style Connector
APPROVED		SIZE: A4	PART NO.: X1254WVS-08-LPSW

UNSPECIFIED TOLERANCES:

Dimension	Tolerance
AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15

Company Information:

XKB 星域 Connection

XKB INDUSTRIAL PRECISION CO., LIMITED

Scale and Revision:

SCALE	PAGE	REVISION
N/A	2/2	A1