

KLX series electrical connectors

Product Introduction

- Comply with GJB1438/1-1996
- Hyperboloid wire spring socket
- 2.54 standard grid gap
- Refer to the general specification of MIL-C-55302
- Termination form: PCB dip soldering, soldering, wire wrap etc.
- Anti-miss-mating guide pin, guide bushing can provide 6×6=36 kinds of identification
- Execution enterprise standard: 21E0.204.060JT

Main technical performance

- | | |
|--|---|
| —Contacts diameter: $\Phi 0.76$ mm | —Relative humidity (RH): $40\pm 2^{\circ}\text{C}$, 98% |
| —Contact resistance: $\leq 0.01\Omega$ | —Vibration: frequency 10~2000Hz, acceleration 147m/s^2 |
| —Current rating: 3 A | —Shock: acceleration 980m/s^2 |
| —Insulation resistance: normal $\geq 5000\text{M}\Omega$, heat& damp $\geq 1000\text{M}\Omega$ | —Endurance: 1000 cycles |
| —Operating temperature: $-65^{\circ}\text{C} \sim +125^{\circ}\text{C}$ | |
| —Insulation resistance: normal temperature $\geq 5000\text{M}\Omega$, damp heat $\geq 1000\text{M}\Omega$ | |
| —Withstand voltage | |

Air pressure Kpa	Altitude m	Voltage V (AC RMS)
101.3	Sea level	900
4.4	21336	250
2.5	25000	175

Ordering Information

No.	Classify Characteristics	Classify contents	Mark
1	Basic series	KLX	KLX
2	Number of contacts	45、60、75.....210、240、280、300、320、350	Marked number
3	Contact arrangement No.	fill-up contacts	No mark
		no contact in b row	S1 (just apply to 3 rows)
		no contact in b rows and even number in row a, c	S2 (just apply to 3 rows)
4	Type of contact	pin(plug installed with pin)	J
		socket(receptacle installed with socket)	K
5	Terminating form	KLX dip soldering elbow	W
		KLX dip soldering straight(short terminal)	B1
		KLX dip soldering straight(long terminal)	B2
		wire wrap	R
		wire soldering	H

Model mark example

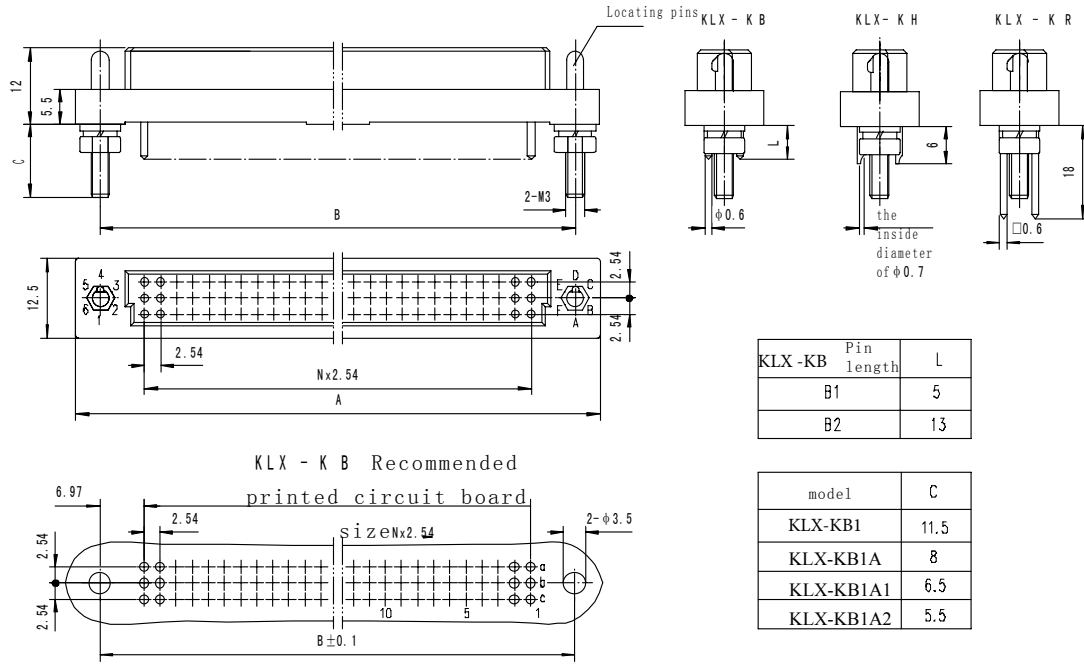
KLX series 45 cores electrical connector, plug termination form is PCB dip soldering elbow, the type is KLX-45JW;
 Receptacle terminating form is wire wrap, and the type is KLX—45KR;
 The type of 45 cores electrical connector is KLX-45KR /KLX-45JW, and is short for KLX-45KR/ JW.



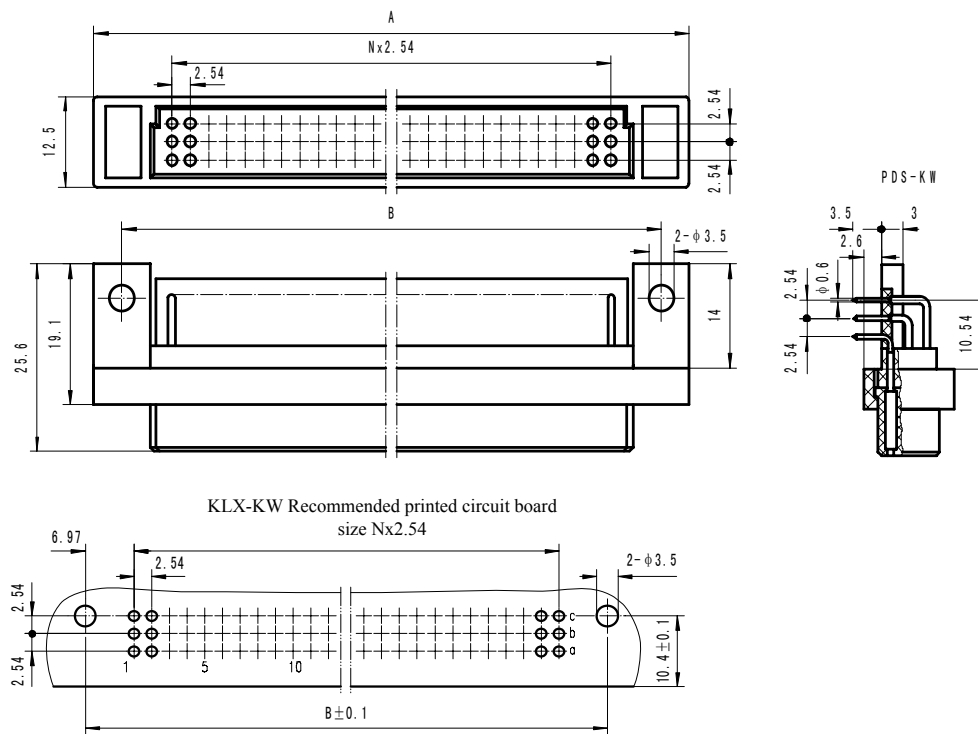
Note

1. KLX plug or receptacle installed with PCB, the recommend mounting torque 0.15N·m~0.25N·m
2. KLX-JW-01 mate with KLX-KH-01 has the locking function.

KLX straight receptacle (3 rows)



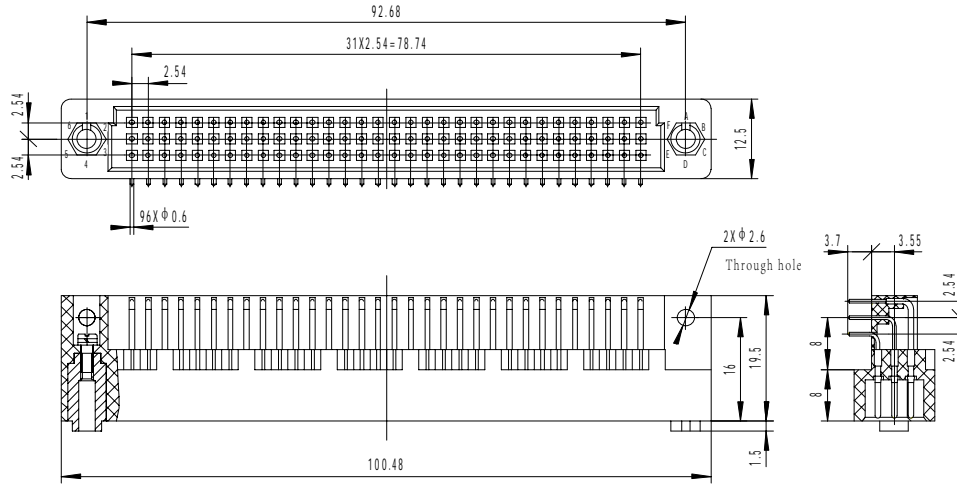
KLX-KW KLX-KW elbow receptacle (3 rows)



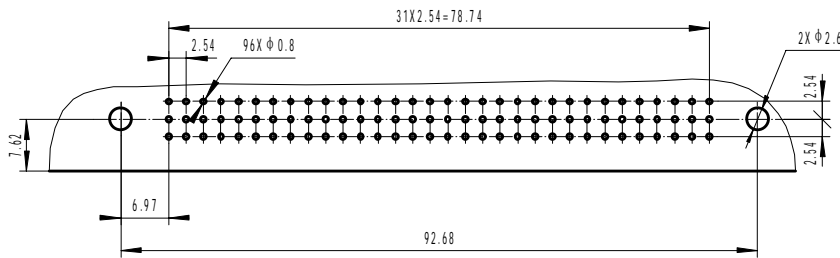
No.	Type	A	B	N	No.	Type	A	B	N
1	KLX-45	57.30	49.50	14	8	KLX-150	146.20	138.40	49
2	KLX-60	70.00	62.20	19	9	KLX-165	158.90	151.10	54
3	KLX-75	82.70	74.90	24	10	KLX-180	171.60	163.80	59
4	KLX-90	95.40	87.60	29	11	KLX-19	184.30	176.50	64

						5			
5	KLX-10 5	108.10	100.30	34	12	KLX-21 0	197.00	189.20	69
6	KLX-12 0	120.80	113.00	39	13	KLX-24 0	222.40	214.60	79
7	KLX-13 5	133.50	125.70	44					

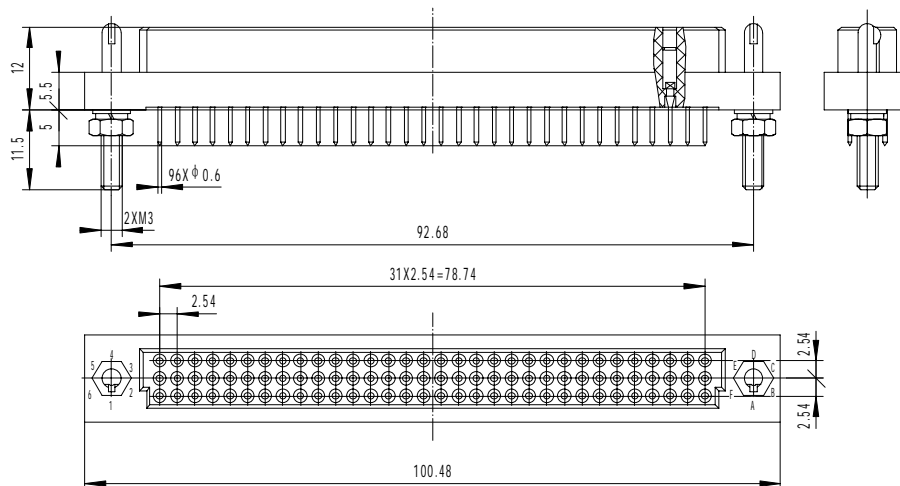
KLX-96JW- II



KLX-96JW- II Recommended printed circuit board openings

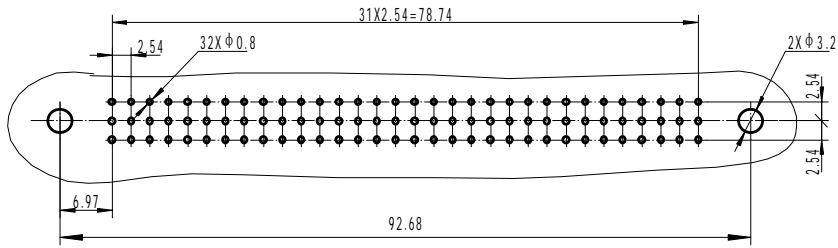


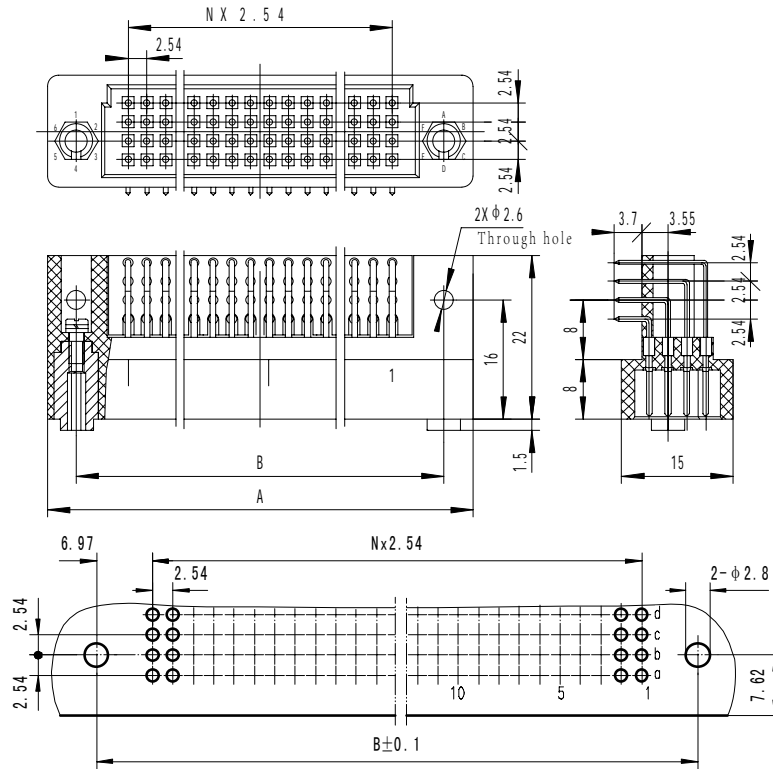
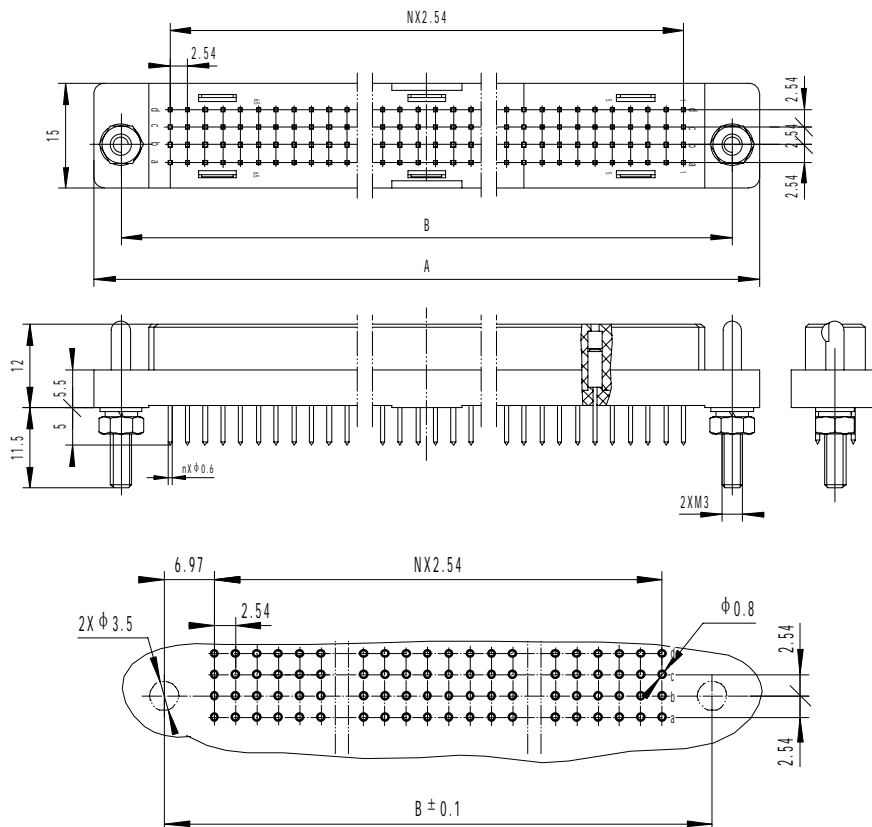
KLX-96KB1- II



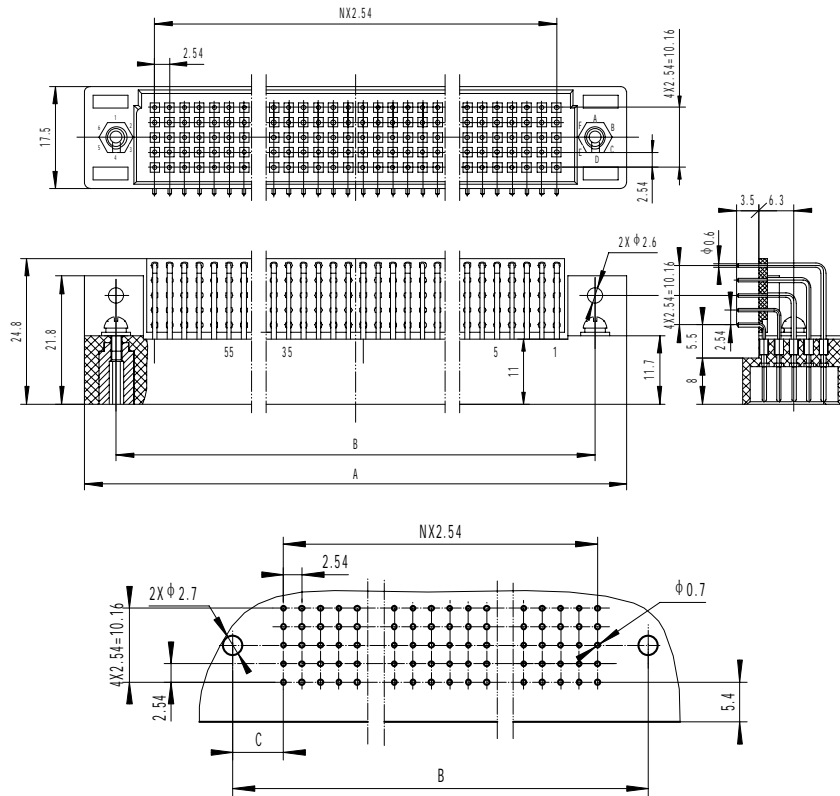
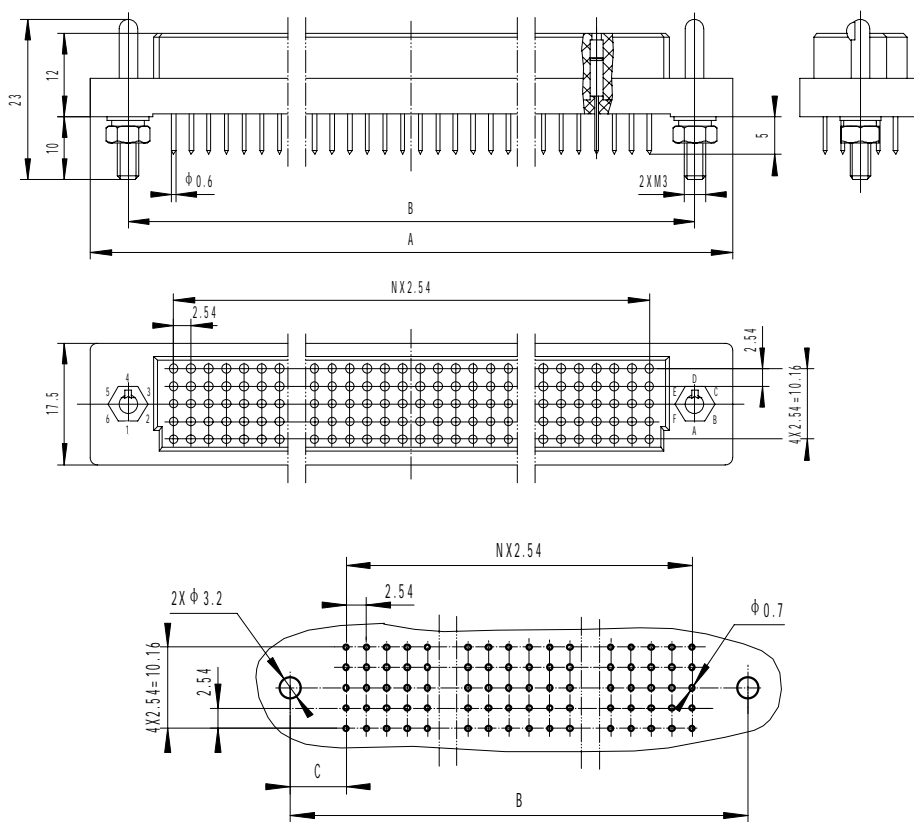


KLX-96KB1- II Recommended printed circuit board openings



KLX-JW KLX-JW elbow plug (4 rows)

KLX-KB1 KLX-KB1 straight receptacle (4 rows)


No.	Type	A	B	N
1	KLX-280	197	189.2	69
2	KLX-320	222.4	214.6	79

KLX-JW KLX-JW elbow plug (5 rows)

KLX-KB1 KLX-KB1 straight receptacle (5 rows)


No.	Type	A	B	C	N
1	KLX-300	171.6	163.8	6.97	59
2	KLX-350	199.5	188.5	6.5	69



	5					0			
6	KLX-12 0	120.80	113.00	39	13	KLX-24 0	222.40	214.60	79
7	KLX-13 5	133.50	125.70	44					