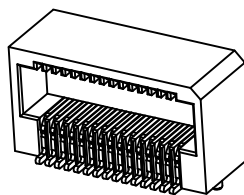
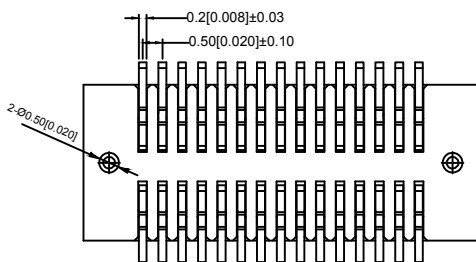


RECOMMENDED PCB PATTERN DIM.
TOLERANCE : ±0.05



3D VIEW

MATED HEIGHT
X0509FRS-XXXXS-LPV01
Single high
X0509FRS-XXXXS-LPV01

Specifications:

- Voltage rating: 250V AC/DC
- 250V AC/DC
- Current rating: 3A AC/DC
- 3A AC/DC
- Withstanding voltage: 1500V AC/minute
- 1500V AC/
- Temperature range: -25 --+85
- 25 --+85
- Insulation resistance: ≥1000MΩ
- ≥1000MΩ
- Contact resistance: ≤20mΩ
- ≤20mΩ
- After environmental testing: ≤40mΩ
- ≤40

X0509 F R S-XX X X S- LP V01
 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

- Series No
- Category: F-Female
- Welding Board Angle: R-90°
- Welding Way: S-SMT
- Row No-Pin No: XXP
- Female Height: A: 3.95mm
- Male Height: D: 1.05mm;
- special No: S-With positioning Column
- Material: LP-LCP
- Metal plating: Gold Flash

NO. of contacts	Dimensions				NO. of contacts	Dimensions			
	A	B	C	D		A	B	C	D
4	3.50	0.50	2.52	2.20	32	10.50	7.50	9.52	9.20
6	4.00	1.00	3.02	2.70	34	11.00	8.00	10.02	9.70
8	4.50	1.50	3.52	3.20	36	11.50	8.50	10.52	10.20
10	5.00	2.00	4.02	3.70	38	12.00	9.00	11.02	10.70
12	5.50	2.50	4.52	4.20	40	12.50	9.50	11.52	11.20
14	6.00	3.00	5.02	4.70	42	13.00	10.00	12.02	11.70
16	6.50	3.50	5.52	5.20	44	13.50	10.50	12.52	12.20
18	7.00	4.00	6.02	5.70	46	14.00	11.00	13.02	12.70
20	7.50	4.50	6.52	6.20	48	14.50	11.50	13.52	13.20
22	8.00	5.00	7.02	6.70	50	15.00	12.00	14.02	13.70
24	8.50	5.50	7.52	7.20	52	15.50	12.50	14.52	14.20
26	9.00	6.00	8.02	7.70	60	17.50	14.50	16.52	16.20
28	9.50	6.50	8.52	8.20	70	20.00	17.00	19.02	18.70
30	10.00	7.00	9.02	8.70	80	22.50	19.50	21.52	21.20

ΔX					ANGLAR	±5°		DSND		SCALE: N/A	MODEL TYPE:	
ΔX					L ≤ 4	±0.2		DWN		VIEW:	PART NO.:	
ΔX					4 < L ≤ 16	±0.3		CHKD		UNIT: mm/in	0.50mm IDC Style Connectors	
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63	±0.4		APPD		SIZE: A4	DWG NO.:	
REVISIONS					UNSPECIFIED TOLERANCES			XKB INDUSTRIAL PRECISION CO., LIMITED		X0509FRS-XXXXS-LPV01		
www.helloxkb.com www.helloxkb.cn www.xk-dg.cn										WEIGHT	SHEET	REVISION
										1/1	A0	

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