

**Specifications:**

规格:

Voltage rating:100V AC/DC

额定电压: 100V AC/DC

Current rating:0.3A AC/DC

额定电流: 0.3A AC/DC

Withstanding voltage:150V AC/minute

耐受电压: 150V AC/分钟

Temperature range:-40°C~+125°C

温度范围: -40°C~+125°C

Insulation resistance:100MΩ min

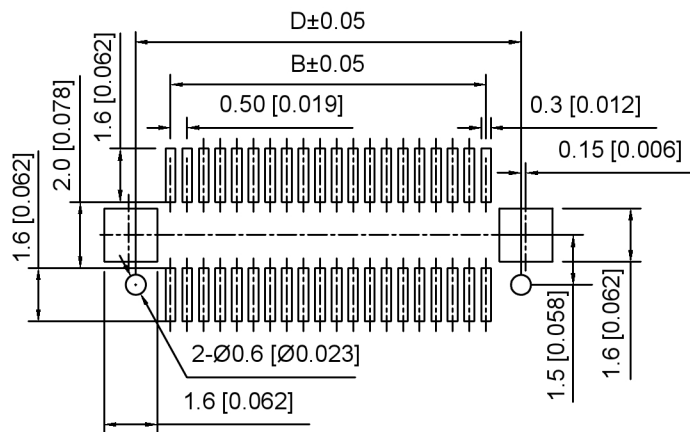
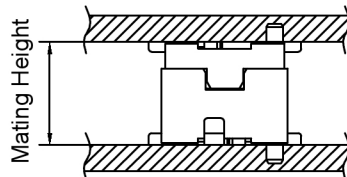
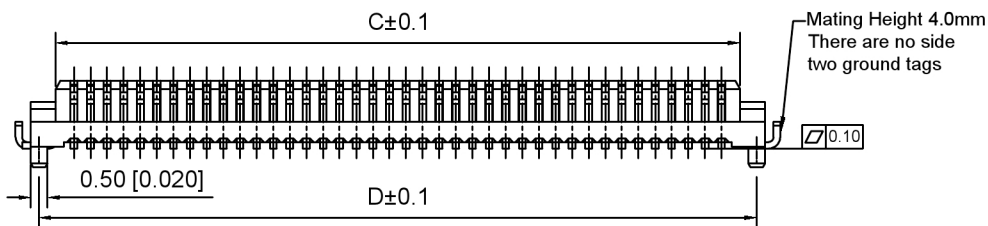
绝缘电阻: 100MΩ Min

Contact resistance:50mΩ Max

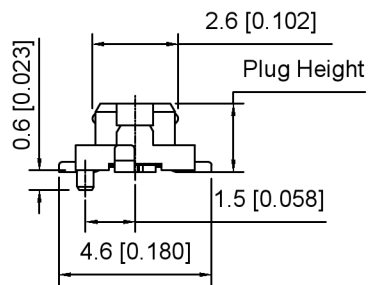
接触电阻: 50mΩ Max

X0502	W	V	S	XX	X	X	S	LP	SN
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

- Series No
- Category:W-Wafer
- Welding Board Angle:V-Stright 180°
- Welding Way:S-SMT
- Row No.Pin No:XX-10~80P
- Height:A:3.0mm; B:3.4mm; C:4.0mm;
- Type: Blank-There are no side two ground tags  
1-There are with side two ground tags
- Special No:S-With positioning column
- Material:LP-LCP UL94V-0
- Plating:SN-Tin Plated or V01-Gold Flash



Recommended PCB LAYOUT



Mating Height	PLUG	SOCKET
3.0	2.1	2.2
3.4	2.2	2.3
4.0	2.2	2.9
5.0	2.7	4.3

Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
10	4.60	2.00	3.10	4.10	32	10.10	7.50	8.60	9.60
12	5.10	2.50	3.60	4.60	36	11.10	8.50	9.60	10.60
14	5.60	3.00	4.10	5.10	40	12.10	9.50	10.60	11.60
20	7.10	4.50	5.60	6.60	50	14.60	12.00	13.10	14.60
22	7.60	5.00	6.10	7.10	60	17.10	14.50	15.60	16.60
24	8.10	5.50	6.60	7.60	80	22.10	19.50	20.60	21.60
30	9.60	7.00	8.10	9.10	/				

X0502WVS-XXXS-LPSN	LCP	Copper Alloy	X0502F
PART NO	Material	Material(Pin)	Suitable XKB Female

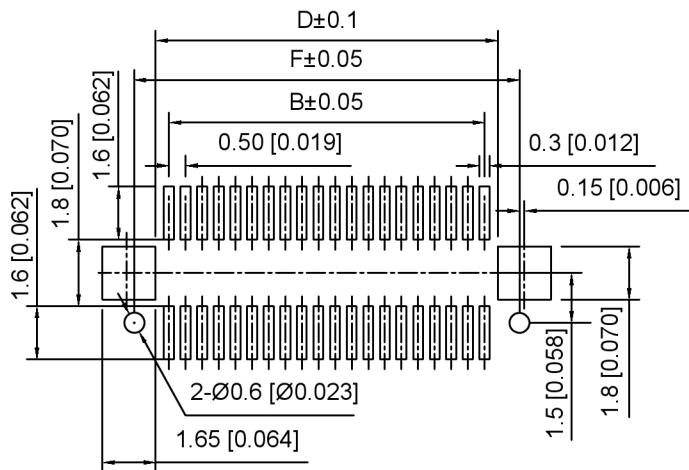
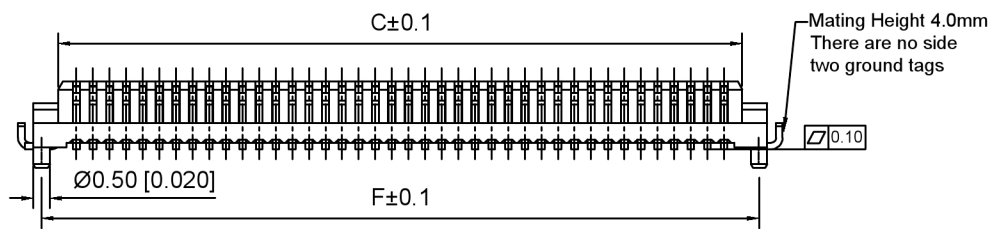
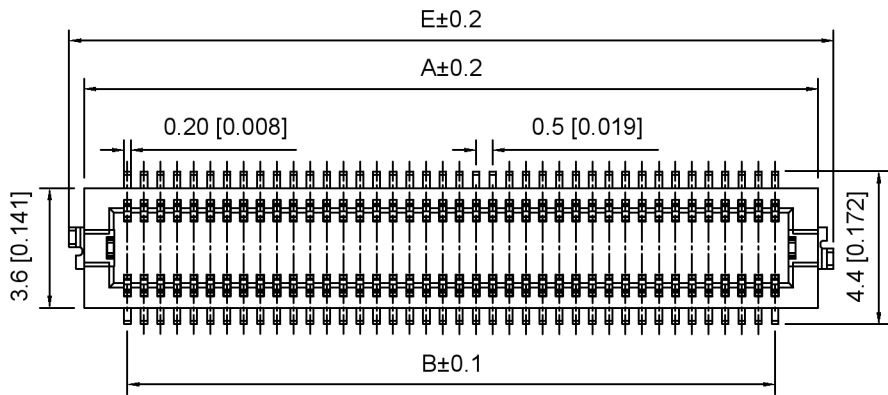
DSND	SCALE: N/A	MODEL TYPE:
DWN	VIEW:	0.5mm BTB Connector
CHKD	UNIT: mm/in	PART NO.:
APPD	SIZE: A4	X0502WVS-XXXS-LPSN
		DWG NO.:
		X-X0502WVS-XXXS-LPSN
WEIGHT	SHEET	REVISION
	1/1	A0



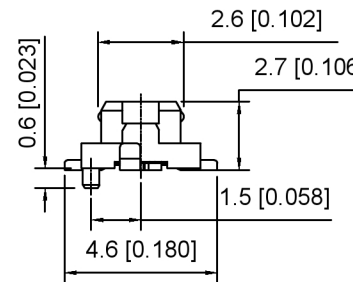
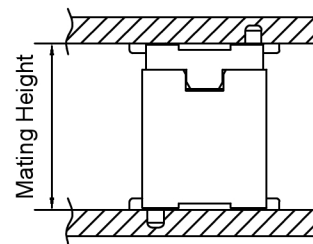
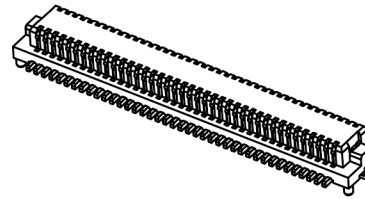
XKB INDUSTRIAL PRECISION CO.,LIMITED

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

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				



Recommended PCB LAYOUT



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 Voltage rating:100V AC/DC  
 额定电压: 100V AC/DC  
 Current rating:0.3A AC/DC  
 额定电流: 0.3A AC/DC  
 Withstanding voltage:150V AC/minute  
 耐受电压: 150V AC/分钟  
 Temperature range:-40°C-+125°C  
 温度范围: -40°C-+125°C  
 Insulation resistance:100MΩ min  
 绝缘电阻: 100MΩ Min  
 Contact resistance:50mΩ Max  
 接触电阻: 50mΩ Max

X0502 W V S - XX D X S - LP SN  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- Series No
- Category:W-Wafer
- Welding Board Angle:V-Stright 180°
- Welding Way:S-SMT
- Row No.Pin No:XX-10~80P
- Height:D:5.0mm
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- Material:LP-LCP UL94V-0
- Plating:SN-Tin Plated or V01-Gold Flash

Mating Height	PLUG	SOCKET
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Poles	Dimensions(mm)						Poles	Dimensions(mm)					
	A	B	C	D	E	F		A	B	C	D	E	F
10	4.70	2.00	3.10	3.82	5.50	4.10	50	14.70	12.00	13.10	13.82	15.50	14.10
20	7.20	4.50	5.60	6.32	8.00	6.60	60	17.20	14.50	15.60	16.32	18.00	16.60
30	9.70	7.00	8.10	7.82	10.50	9.10	68	19.20	16.50	17.60	18.32	20.00	18.60
36	11.20	8.50	9.60	10.32	12.00	10.60	70	19.70	17.00	18.10	18.82	20.50	19.10
40	12.20	9.50	10.60	11.32	13.00	11.60	80	22.20	19.50	20.60	21.32	23.00	21.60

X0502WVS-XXDS-LPSN	LCP	Copper Alloy	X0502F
PART NO	Material	Material(Pin)	Suitable XKB Female

DSND		SCALE: N/A	MODEL TYPE: 0.5mm BTB Connector
DWN		VIEW:	PART NO.: X0502WVS-XXDS-LPSN
CHKD		UNIT: mm/in	DWG NO.: X-X0502WVS-XXDS-LPSN
APPD		SIZE: A4	WEIGHT SHEET REVISION
			1/1 A0



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L > 63	±0.5

UNSPECIFIED TOLERANCES

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS