

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.12	阿树

Specifications:

规格:

Voltage rating:50V AC/DC

额定电压: 50V AC/DC

Current rating:0.5A AC/DC

额定电流: 0.5A AC/DC

Withstanding voltage:200V AC/minute

耐受电压: 200V AC/分钟

Temperature range:-40℃~+85℃

温度范围: -40℃~+85℃

Insulation resistance:100MΩ min

绝缘电阻: 100MΩ Min

Contact resistance:55mΩ Max

接触电阻: 55mΩ Max

PART NO.:

X0509 W V S-40 A S-LP V01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Series No

②Category:W-Wafer

③Welding Board Angle:V-Stright 180°

④Welding Way: S-SMT

⑤Row No.Pin No:XX-04-80P

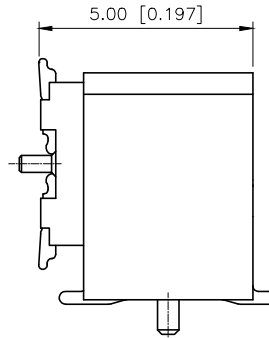
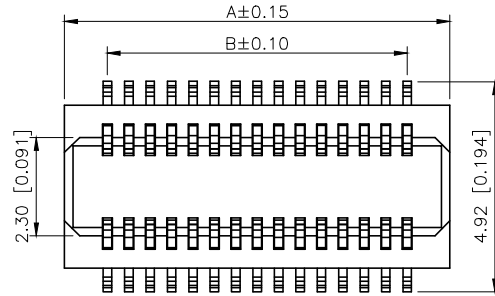
⑥Height:A=3.25mm

Mating Height 5.0mm

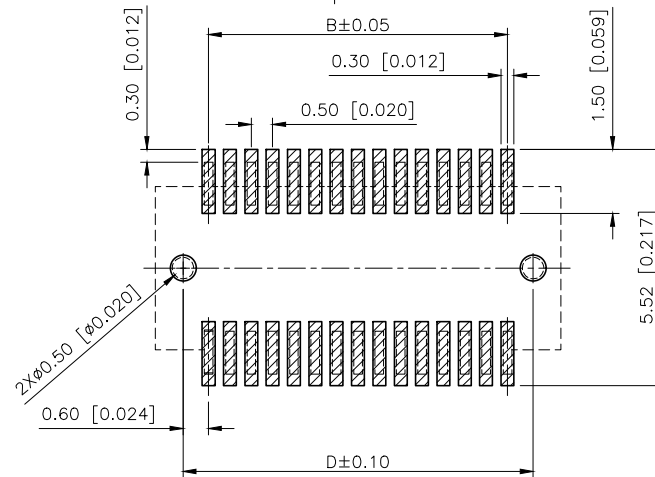
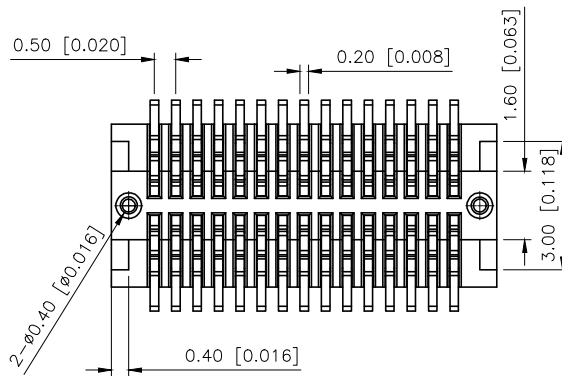
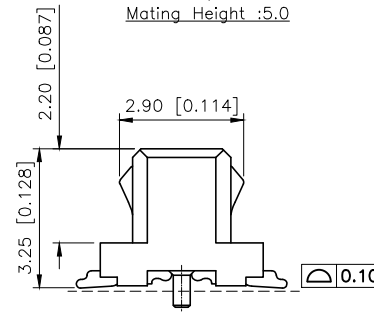
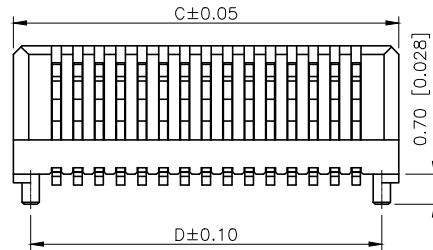
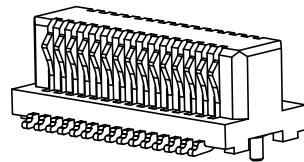
⑦Special No:S-With positioning Column

⑧Material:LP-LCP UL94V-0

⑨Plating:V01-Gold Flash



Mating Height :5.0

Recommended PCB
Layout(±0.05)

3D VIEW

Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
4	2.50	0.50	2.50	1.70	32	9.50	7.50	9.50	8.70
6	3.00	1.00	3.00	2.20	34	10.00	8.00	10.00	9.20
8	3.50	1.50	3.50	2.70	36	10.50	8.50	10.50	9.70
10	4.00	2.00	4.00	3.20	38	11.00	9.00	11.00	10.2000
12	4.50	2.50	4.50	3.70	40	11.50	9.50	11.50	10.70
14	5.00	3.00	5.00	4.20	42	12.00	10.00	12.00	11.20
16	5.50	3.50	5.50	4.70	44	12.50	10.50	12.50	11.70
18	6.00	4.00	6.00	5.20	46	13.00	11.00	13.00	12.20
20	6.50	4.50	6.50	5.70	48	13.50	11.50	13.50	12.70
22	7.00	5.00	7.00	6.20	50	14.00	12.00	14.00	13.20
24	7.50	5.50	7.50	6.70	52	14.50	12.50	14.50	13.70
26	8.00	6.00	8.00	7.20	60	16.50	14.50	16.50	15.70
28	8.50	6.50	8.50	7.70	70	19.00	17.00	19.00	18.20
30	9.00	7.00	9.00	8.20	80	21.50	19.50	21.50	20.70

X0509WVS-40AS-LPV01	LCP	Phosphor Bronze	X0509F
PART NO	Material	Material(Pin)	Suitable XKB Female

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



DESIGN	阿树	VIEW:	MODEL TYPE: 0.5mm BTB Style Connector
CHECKED		UNIT: mm/in	PART NO.: X0509WVS-40AS-LPV01
APPROVED		SIZE: A4	DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1