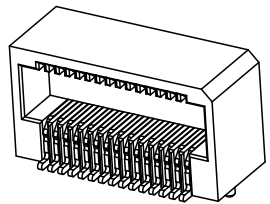
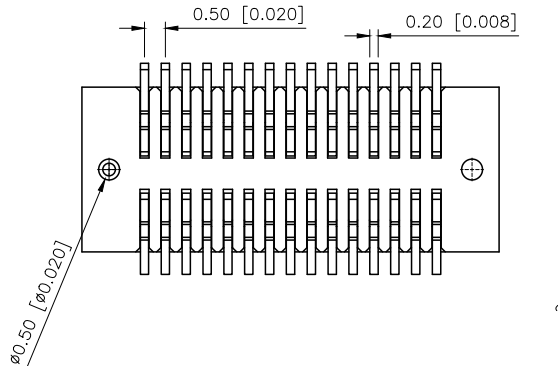
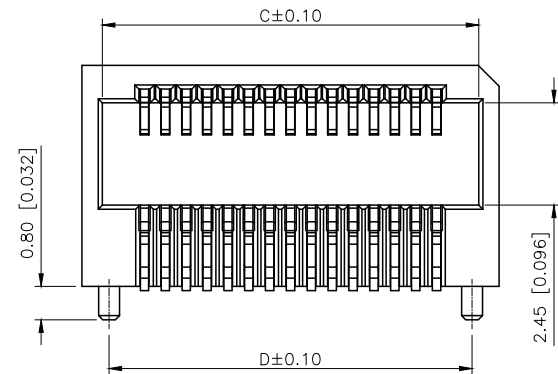
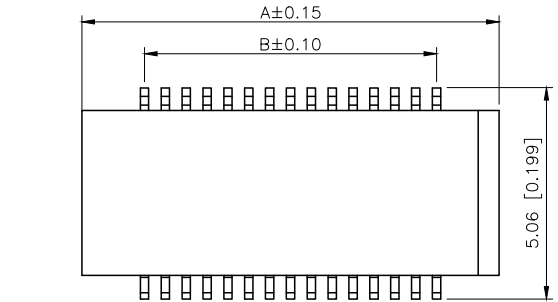


REVISONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE
A0	N/A		INITIAL RELEASE	/
A1	N/A		图面升级整理图面	2025.2.12

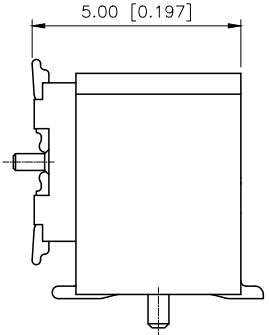
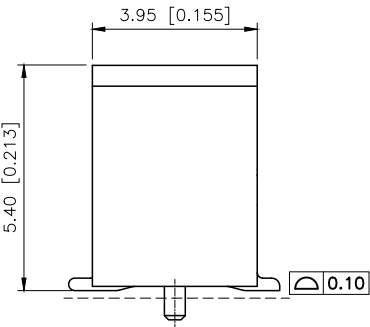
Specifications:
规格:
Voltage rating:50V AC/DC
额定电压: 50V AC/DC
Current rating:0.5A AC/DC
额定电流: 0.5A AC/DC
Withstanding voltage:200V AC/minute
耐受电压: 200V AC/分钟
Temperature range:-40℃~+85℃
温度范围: -40℃~+85℃
Insulation resistance:100MΩ min
绝缘电阻: 100MΩ Min
Contact resistance:55mΩ Max
接触电阻: 55mΩ Max

PART NO.:
X0509 F R S-XX X S-LP V01
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

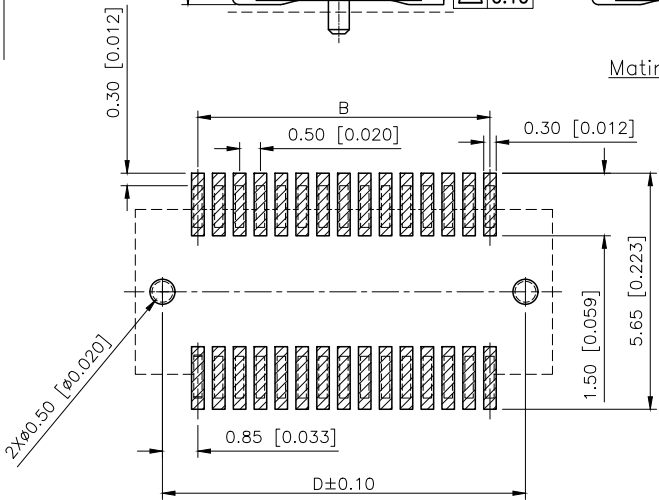
①Series No
②Category:F-Female
③Welding Board Angle:R-Straight 90°
④Welding Way: S-SMT
⑤Row No.Pin No:XX-04-80P
⑥Female Height:A=3.95 ,
Mating Height 5.0mm
⑦Special No:S-With positioning Columnm
⑧Material:LP-LCP UL94V-0
⑨Plating:V01-Gold Flash



3D VIEW



Mating Height :5.0



Recommended PCB Layout(±0.05)

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



DESIGN	阿树	VIEW:	
CHECKED		UNIT:	mm/in
APPROVED		SIZE:	A4

MODEL TYPE: 0.5mm BTB Style Connector		
PART NO.: X0509FRS-XXXS-LPV01		
DWG NO.:		

X0509FRS-XXXS-LPV01		LCP	Brass Gold Flash	X0509W
PART NO		Material	Material(Pin)	Suitable XKB Wafer
Poles	Dimensions(mm)			
	A	B	C	D
4	3.50	0.50	2.52	2.20
6	4.00	1.00	3.02	2.70
8	4.50	1.50	3.52	3.20
10	5.00	2.00	4.02	3.70
12	5.50	2.50	4.52	4.20
14	6.00	3.00	5.02	4.70
16	6.50	3.50	5.52	5.20
18	7.00	4.00	6.02	5.70
20	7.50	4.50	6.52	6.20
22	8.00	5.00	7.02	6.70
24	8.50	5.50	7.52	7.20
26	9.00	6.00	8.02	7.70
28	9.50	6.50	8.52	8.20
30	10.00	7.00	9.02	8.70