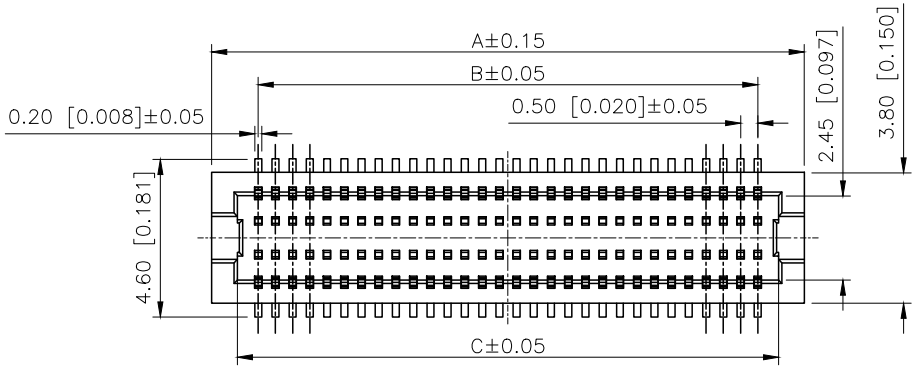
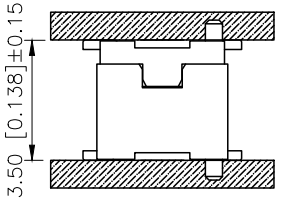
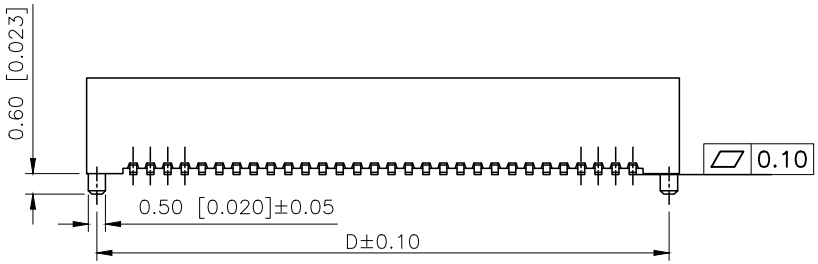
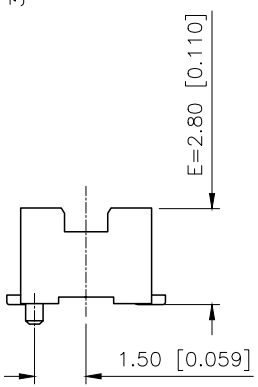
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		产品材质及料号变更，图面升级整理图面	2025.09.02	阿树







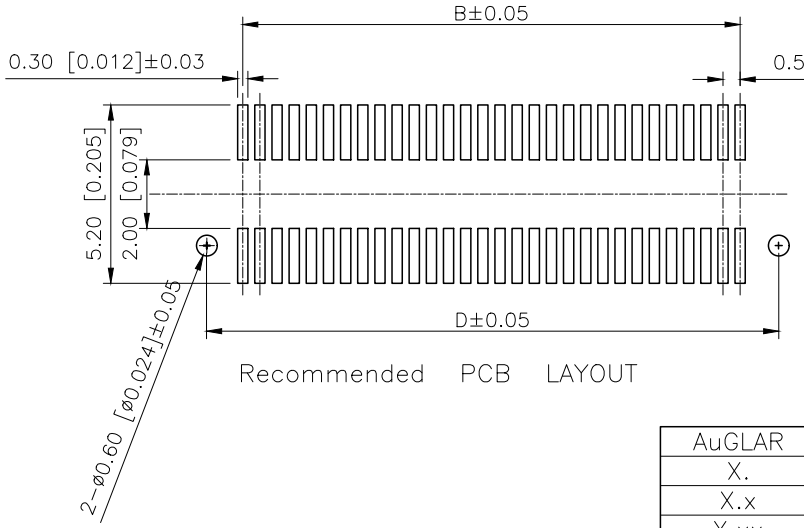


Specifications:
规格：
Voltage rating:100V AC/DC
额定电压：100V AC/DC
Current rating:0.5A AC/DC
额定电流：0.5A AC/DC
Withstanding voltage:150V AC/minute
耐受电压：150V AC/分钟
Temperature range:−40℃−+125℃
温度范围：−40℃−+125℃
Insulation resistance:500MΩ min
绝缘电阻：500MΩ Min
Contact resistance:50mΩ Max
接触电阻：50mΩ Max

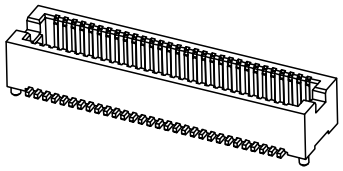
PART NO.:

X0502 F V S−80 E S−9T V01
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Series No
②Category:F−Female
③Welding Board Angle:V−Stright 180°
④Welding Way: S−SMT
⑤Row No.Pin No:XX−10~80P
⑥Height:E:2.80mm
⑦Special No:S−With positioning column
⑧Material:9T−PA9T UL94V−0
⑨Plating:V01−Gold flash;



Recommended PCB LAYOUT



3D VIEW

Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
10	4.70	2.00	3.20	4.10	32	10.20	7.50	8.70	9.60
12	5.20	2.50	3.70	4.60	36	11.20	8.50	9.70	10.60
14	5.70	3.00	4.20	5.10	40	12.20	9.50	10.70	11.60
20	7.20	4.50	5.70	6.60	50	14.70	12.00	13.20	14.10
22	7.70	5.00	6.20	7.10	60	17.20	14.50	15.70	16.60
24	8.20	5.50	6.70	7.60	80	22.20	19.50	20.70	21.60
30	9.70	7.00	8.20	9.10	/				

X0502FVS−80ES−9TV01	PA9T	Copper Alloy	X0502W	3.50mm
PART NO	Material	Material(Pin)	Suitable XKB Wafer	Mating Height

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

XKB 星创 Connection

DESIGN	阿树	VIEW:	MODEL TYPE: 0.5mm BTB Connector
CHECKED		UNIT: mm/in	PART NO.: X0502FVS−80ES−9TV01
APPROVED		SIZE: A4	DWG NO.: X−X0502FVS−80ES−9TV01

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1