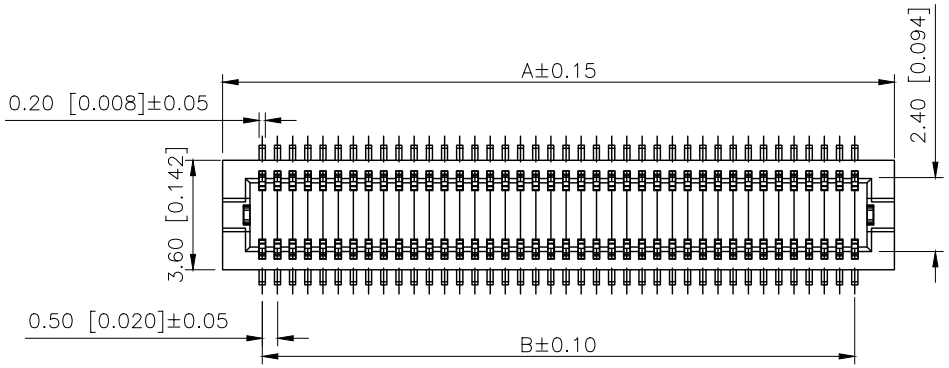
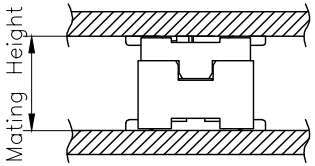
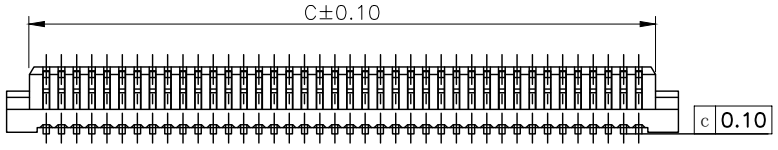
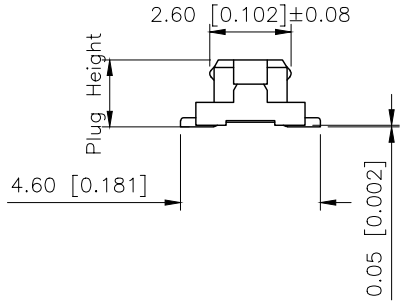
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2025.09.12	阿树
/	/		/	/	/





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

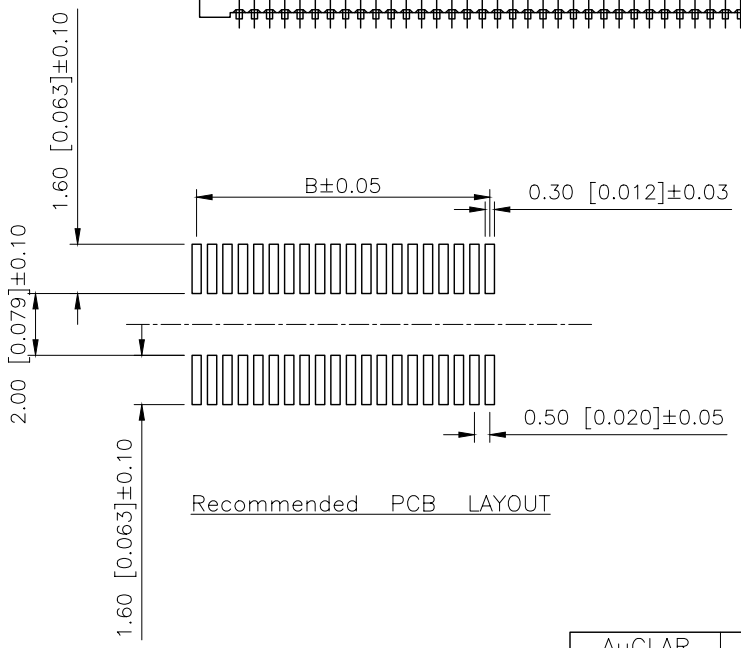




PART NO.:

X0502 W V S−40 C−LP SN
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

①Series No
②Category:W−Wafer
③Welding Board Angle:V−Stright 180°
④Welding Way: S−SMT
⑤Row No.Pin No:XX−10~80P
⑥Height:C:4.0mm;
⑦Material:LP−LCP UL94V−0
⑧Plating:SN−Tin Plated;



Recommended PCB LAYOUT

Mating Height	PLUG	SOCKET
4.0	2.2	2.9

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

X0502WVS−40C−LPSN	LCP	Copper Alloy	X0502F
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 TOLERAuCES	

XKB 星坤 Connection

DESIGN	阿树	VIEW:	MODEL TYPE: 0.5mm BTB Connector
CHECKED		UNIT: mm/in	PART NO.: X0502WVS−40C−LPSN
APPROVED		SIZE: A4	DWG NO.: X−X0502WVS−40C−LPSN

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A0