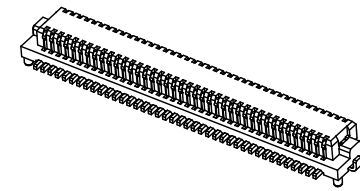
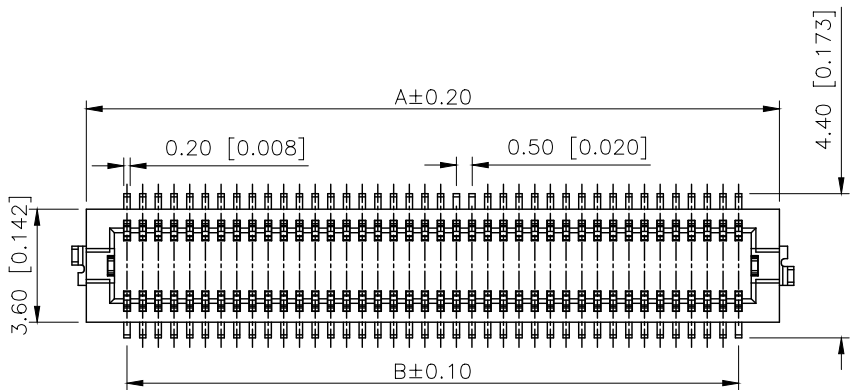


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.14	阿树



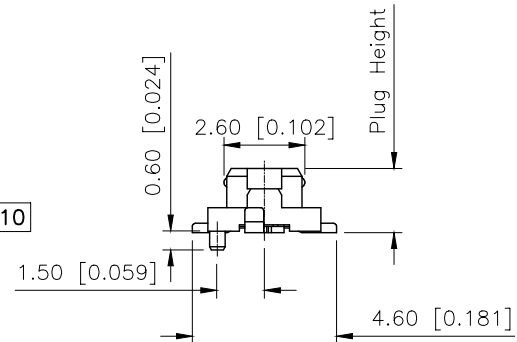
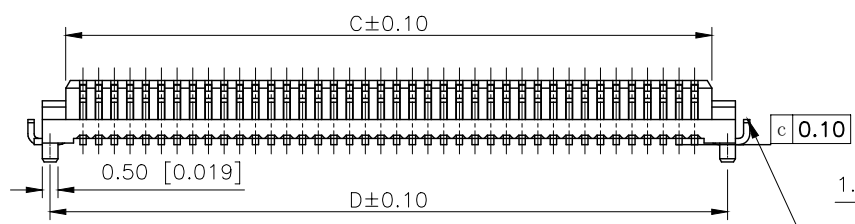
Specifications:
规格:
Voltage rating:100V AC/DC
额定电压: 100V AC/DC
Current rating:0.3A AC/DC
额定电流: 0.3A AC/DC
Withstanding voltage:150V AC/minute
耐受电压: 150V AC/分钟
Temperature range:-40℃-+125℃
温度范围: -40℃-+125℃
Insulation resistance:100MΩ min
绝缘电阻: 100MΩ Min
Contact resistance:50mΩ Max
接触电阻: 50mΩ Max

A

A

B

B



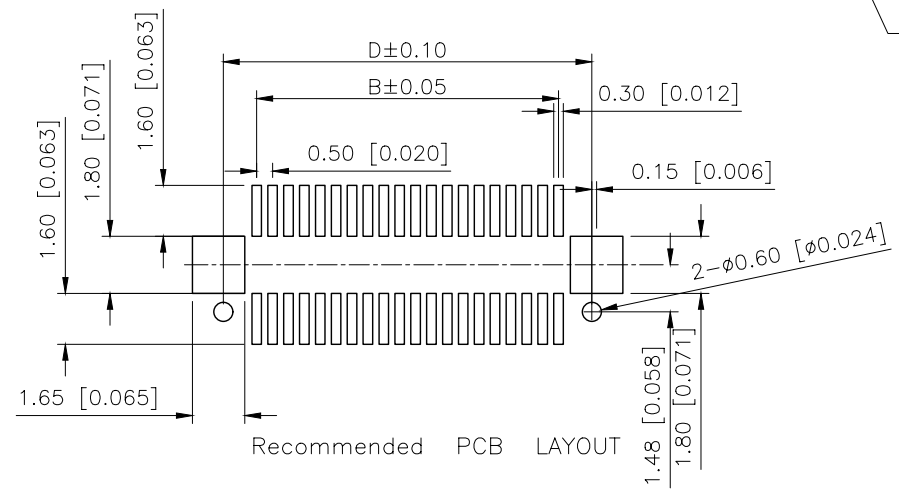
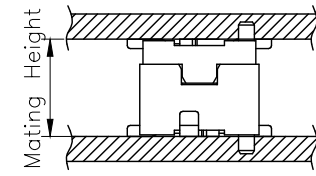
PART NO.:

X0502 W V S-80 A S-LP SN
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-10~80P
- ⑥Height:A:3.0mm; B:3.4mm; C:4.0mm;
- ⑦Special No:S-With positioning column
- ⑧Material:LP-LCP UL94V-0
- ⑨Plating:SN-Tin Plated;
V01-Gold Flash

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

Mating Height 4.0mm
There are no side
two ground tags



Recommended PCB LAYOUT

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	14.10
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-80AS-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 TOLERANCES	



DESIGN	阿树	VIEW:		MODEL TYPE: 0.5mm BTB Connector
CHECKED		UNIT:	mm/in	PART NO.: X0502WVS-80AS-LPSN
APPROVED		SIZE:	A4	DWG NO.: X-X0502WVS-80AS-LPSN

D

D