

1

2

3

4

A

B

C

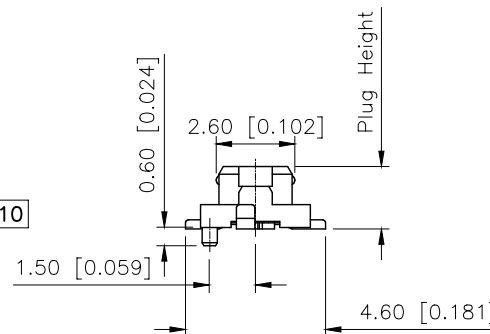
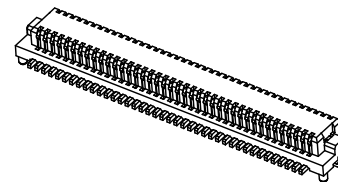
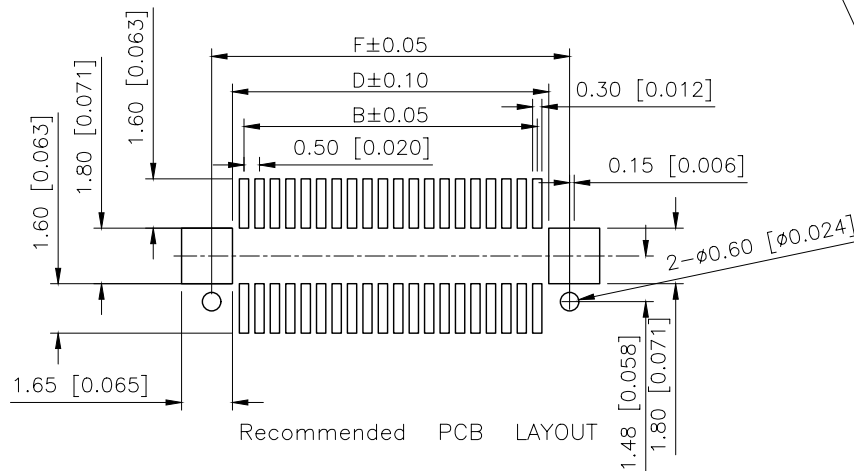
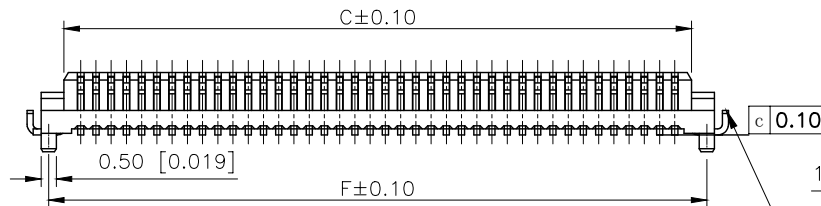
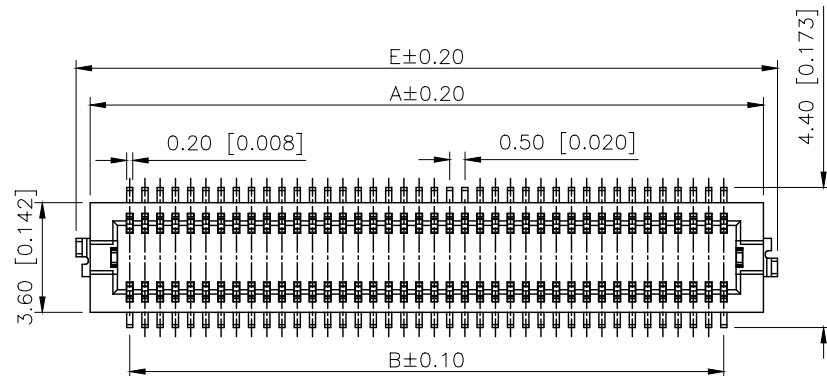
D

A

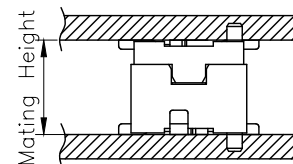
B

C

D



Mating Height 4.0mm
There are no side
two ground tags



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

PART NO.:

X0502 W V S-40 D - S-LP SN
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①Series No

②Category:W-Wafer

③Welding Board Angle:V-Straight 180°

④Welding Way: S-SMT

⑤Row No.Pin No:XX-10~80P

⑥Height:A:3.0mm; B:3.4mm; C:4.0mm;

⑦Type:Blank-There are no side two ground tags

1-There are with side two ground

⑧Special No:S-With positioning column

⑨Material:LP-LCP UL94V-0

⑩Plating: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

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-40DS-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

CHECKED

APPROVED

VIEW:

UNIT: mm/in

SIZE: A4

MODEL TYPE:
0.5mm BTB ConnectorPART NO.:
X0502WVS-40DS-LPSNDWG NO.:
X-X0502WVS-40DS-LPSN

SCALE	PAGE	REVISION
N/A	1/1	A1

1

2

3

4