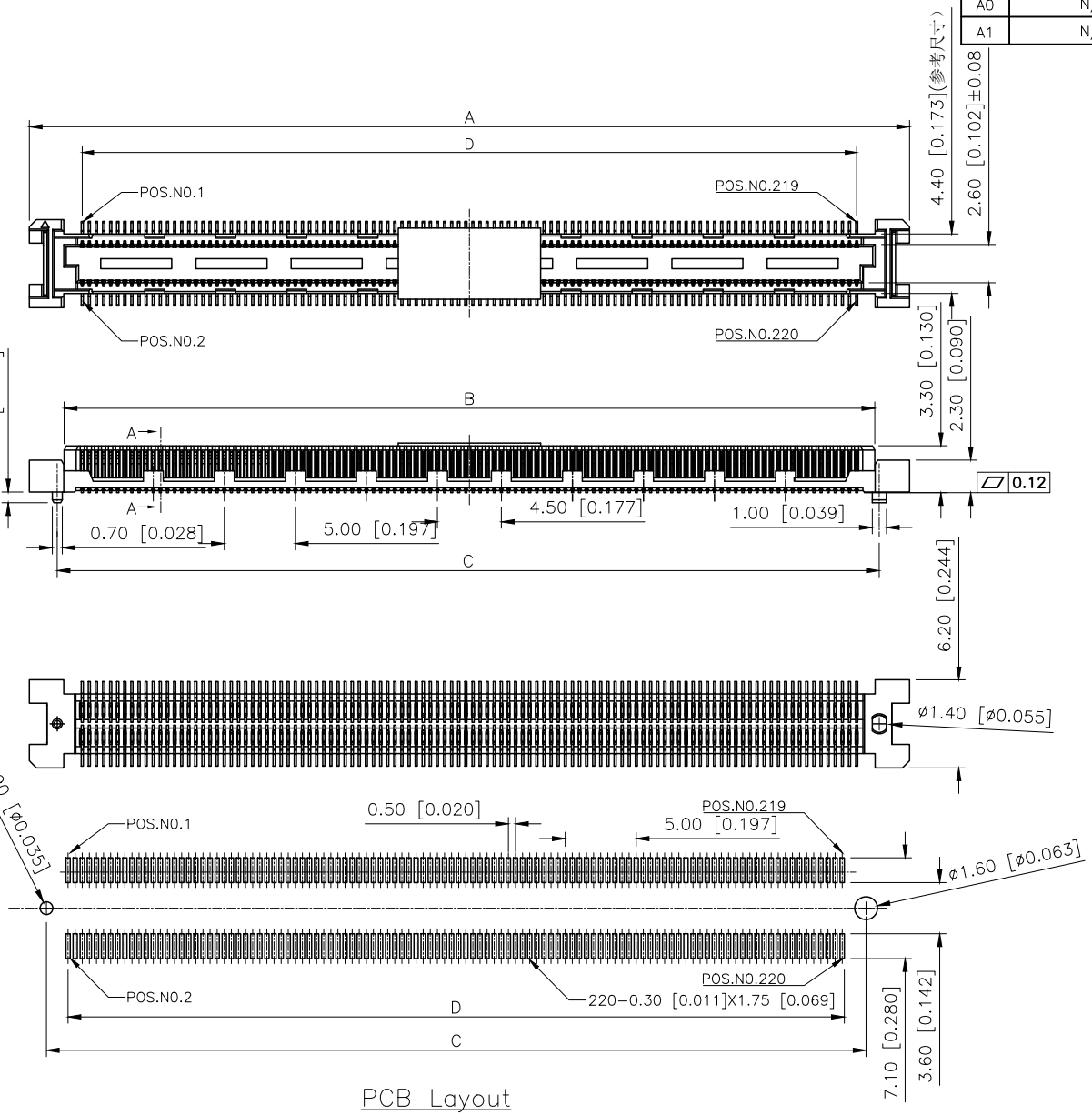
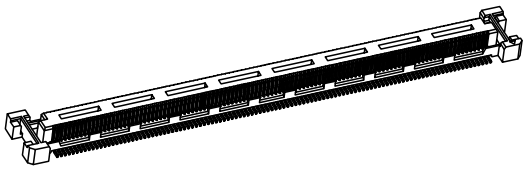
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		吸取高温胶纸形状变更，图面升级整理图面	2024.12.14	阿树



PCB Layout



Note:
Machanical
- Mating force:40.0kgf max
- Unmating force:4.4kgf Min
- Durability:30Cycles

Electrical
- Current Rating:0.5A max: Percontact
- Contact Resistance:55mΩ max(Initial),75mΩ max(After)
- Dieletric Withstanding Voltage:200VAC
- Insulation Resistance 100mega ohms min. at 500 V DC

Physical
- Housing:thermoplastic, UL 94V-0 rated,in White Color
- Contact: Copper alloy
- Operating Temperature:-40°C~+125°C

PART NO.:

X0510 W V S-168 A S-LP SN
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Series No
②Category:W-Wafer
③Welding Board Angle:V-Straight 180°
④Welading Way:S-SMT
⑤Row No.Pin No:XX-80~220P
⑥Height:A=3.2mm
Mating Height 6.0mm
⑦Special No:S-With positioning Columm
⑧Material:LP-LCP UL 94V-0
⑨Plating:V01-Gold Flash

Poles	A	B	C	D
80	26.95	22.05	22.70	19.50
100	31.95	27.05	27.70	24.50
120	36.95	32.05	32.70	29.50
140	41.95	37.05	37.70	34.50
144	42.95	38.05	38.70	35.50
168	48.95	44.05	44.70	41.50
200	56.95	52.05	52.70	49.50
220	61.95	57.05	57.70	54.50

PART NO	Material	Material(Pin)	Suitable XKB Female
X0510WVS-168AS-LPV01	LCP	Copper alloy Gold Flash	X0510F

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

XKB Connection 星创

DESIGN	阿树	VIEW:	MODEL TYPE: 0.5mm BTB Style Connector
CHECKED		UNIT: mm/in	PART NO.: X0510WVS-168AS-LPV01
APPROVED		SIZE: A4	DWG NO.: X-X0510WVS-168AS-LPV01

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1