

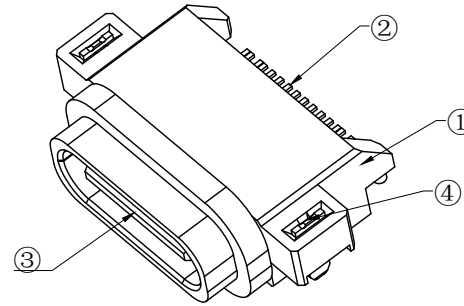
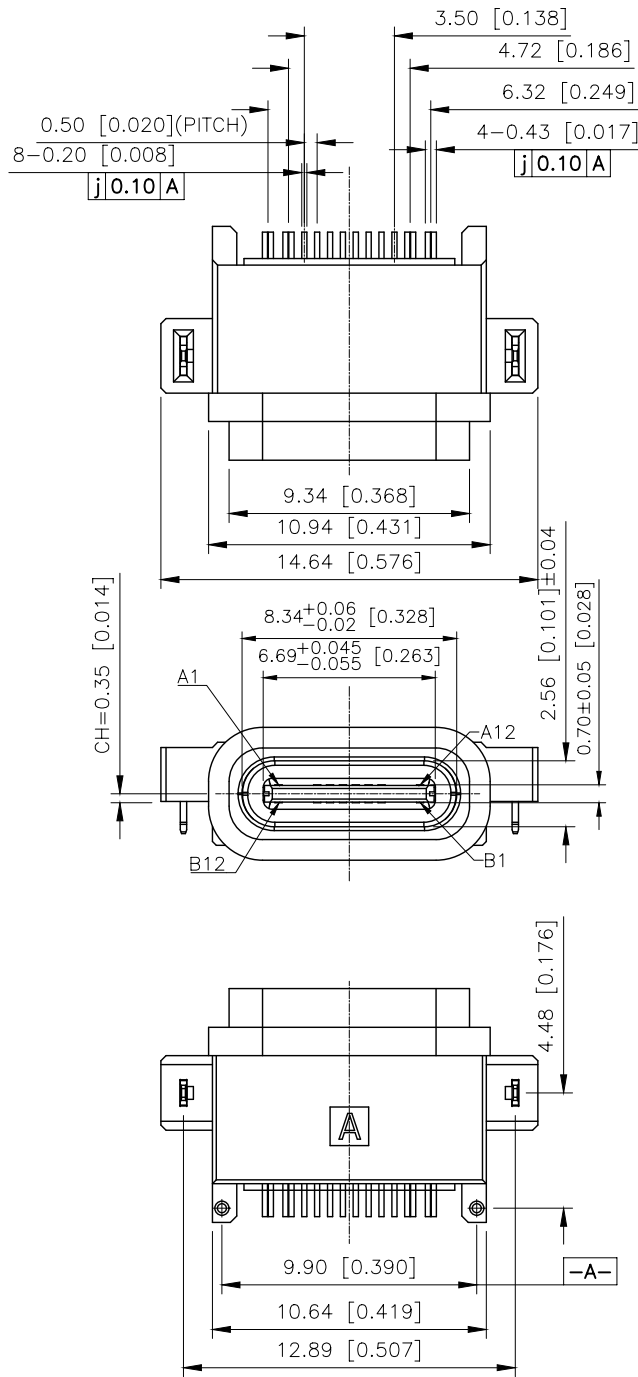
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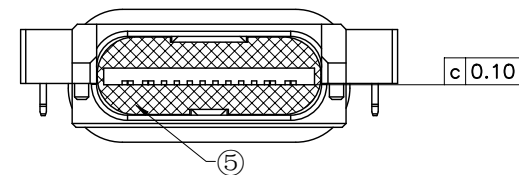
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REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2024.11.21	阿树



NOTES:
SPECIFICATION:
1.CURRENT RATING: 3.0A MAX
2.DIELECTRIC WITHSTAND VOLTAGE:
3.TEMPERATURE RANGE: -30 °C ~ 85 °C 100VAC
4.CONTACT RESISTANCE: 40 MILLIONHM MAX
5.INSULATION RESISTANCE: 100 MEGOHMS MIN.
6.INSERTION FORCE : 5N~20N
7.UNMATING FORCE: 8N~20N
8.DURABILITY:10,000 CYCLES



5	Epoxy			BLACK
4	Contact 3	2	SUS304 1/2H	Ni Plating T=0.25mm
3	Housing 2	1	PA10T (G.F30%)	BLACK
2	Contact 1&2	16	Phosphor bronze C5191R-EH	Au3u"Plating T=0.15mm
1	Housing 1	1	PA10T (G.F30%)	BLACK
ITEM	PART NAME	Q'TY	FINISH	NOTE

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



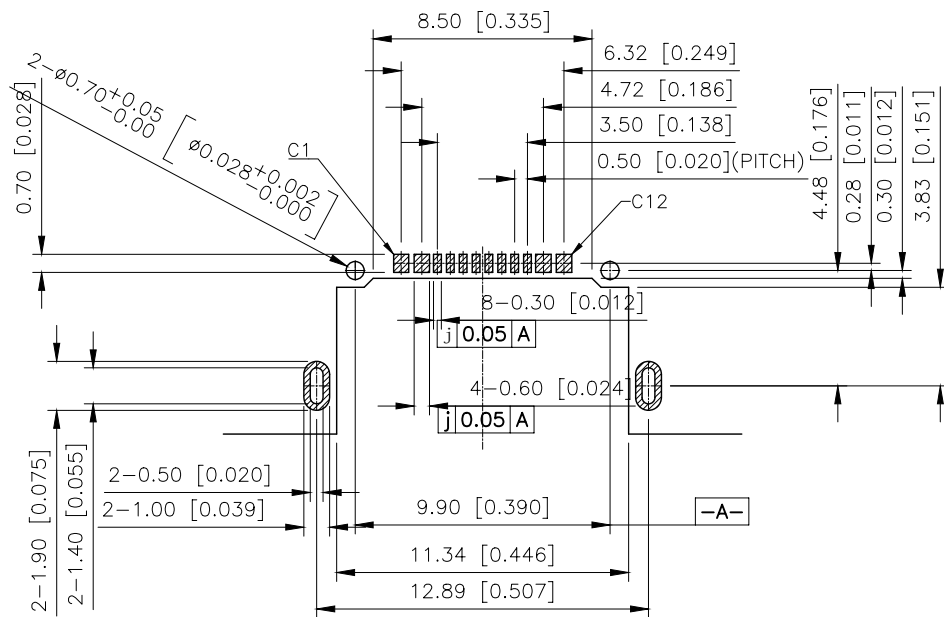
DESIGN	阿树	VIEW:	MODEL TYPE:
CHECKED		UNIT: mm/in	USB TYPE-C 3.1
APPROVED		SIZE: A4	PART NO.: USB31-TYPEC-16X7C-1FS
			DWG NO.: X-USB31-TYPEC-16X7C-1FS
		SCALE	PAGE
		N/A	1/2
		REVISION	A1

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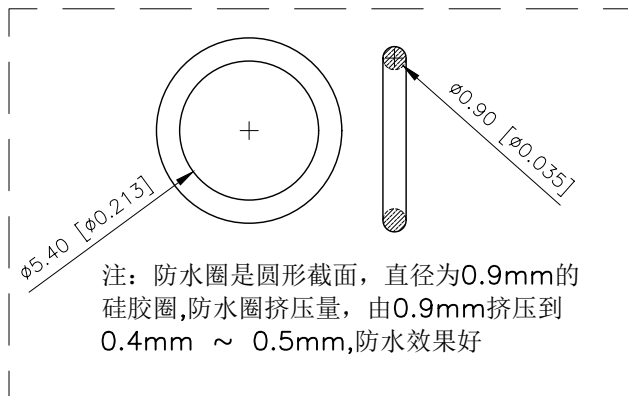
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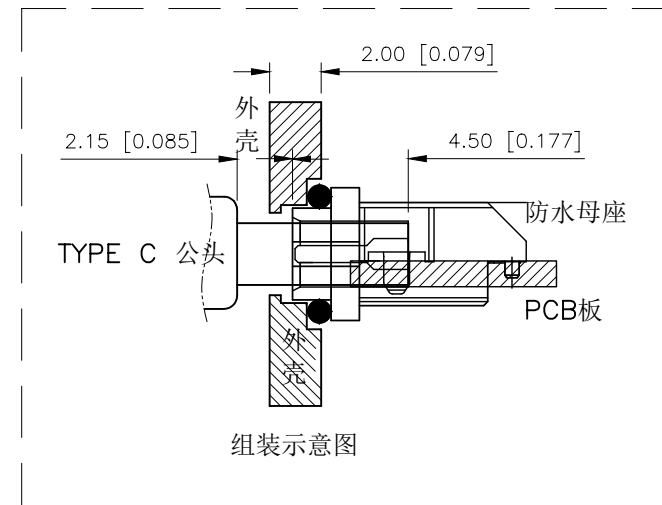
RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm
DEFAULT TOLERANCE+/-0.05



注：防水圈是圆形截面，直径为0.9mm的
硅胶圈,防水圈挤压量，由0.9mm挤压到
0.4mm ~ 0.5mm,防水效果好

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INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SINGAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	DP2	SBU1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12

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