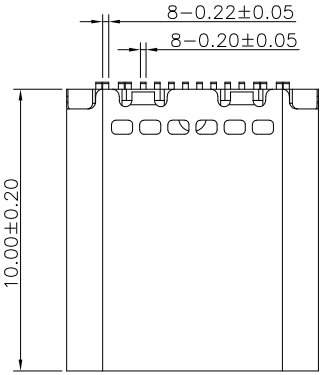
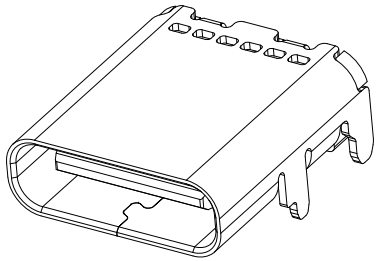
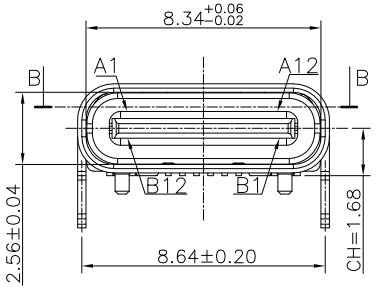
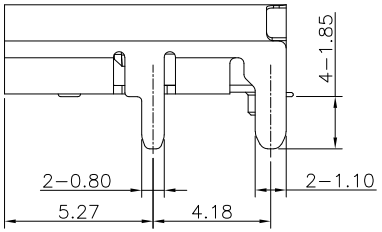
RoHS Compliant

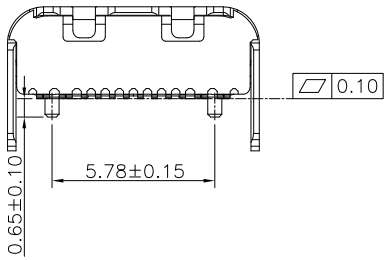
REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	---	INITIAL RELEASED	ZXM	2025.10.16



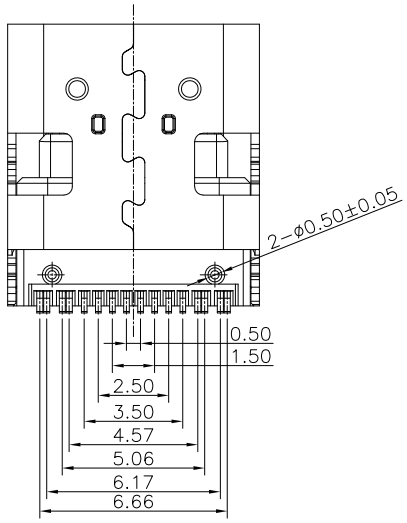


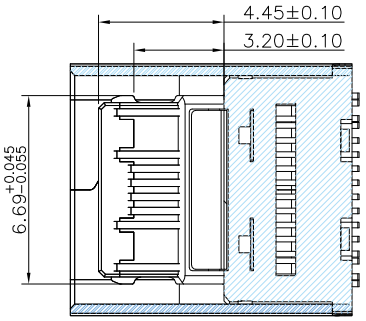






SPECIFICATION:
1、ELECTRICAL:
1.1 CURRENT RATING:5A;
1.2 CONTACT RESISTANCE:40mΩ Max;
1.3 DIELECTRIC WITHSTANDING VOLTAGE:100V AC;
1.4 INSULATION RESISTANCE:100 MΩ MIN;
2、MECHANICAL;
2.1 MATING FORCE:5~20N;
2.2 UNMATING FORCE:8~20N;
2.3 DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;
3、MATERIAL:
3.1 HOUSING: LCP UL94V-0 BLACK;
3.2 TERMINAL:C7025 T=0.15mm;
3.3 SHELL:SUS304 T=0.30mm;
3.4 MID PLATE:SUS304 T=0.15mm;
4、PLATING SPECIFICATION:
4.1 TERMINAL:CONTACT AREA GOLD PLATED 1u "MIN
PIN WELDING AREA GOLD FLASH.
4.2 SHELL:PLATED Ni 50u" MIN
4.3. MID PLATE:CLEAR ONLY
5、ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.
6、SMT REFLOW SOLDERING (PEAK VALUE 260 °C ± 5 ° C) SHALL BE FREE OF BLISTERING, GLUE MELTING AND POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)
7、OPERATING TEMPERATURE：-40°C~+85°C





SECTION: B-B
SCALE 1:1

X. ±0.50	X.° ± 2°	UNITS	mm
.X ±0.30	.X° ± 1°	MAT'L	
.XX ±0.20	.XX° ± 0.5°	FINISH	
.XXX ±0.10		Q'TY	

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广东创粤科技有限公司
Guangdong Chuangyue Technology Co.,Ltd.

TITLE: TYPE C 16PIN 板上单排 L=10.0MM 无弹片 脚长1.85

APPD: CZN
CHKD: CZJ
DR: ZXM

PART NO.: TYPE-C-16P-H10.5-001209

SCALE	SHEET	REV.
1/1	1/2	A

RoHS Compliant

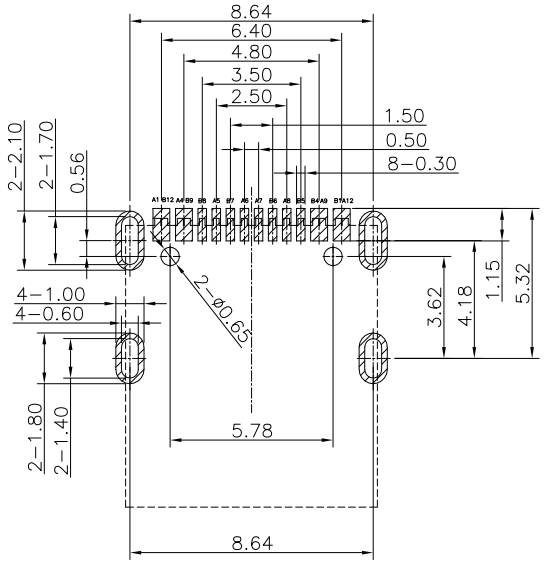
Process Capable

REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	---	INITIAL RELEASED	ZXM	2025.10.16

USB TYPE-C PIN ASSIGNMENTS

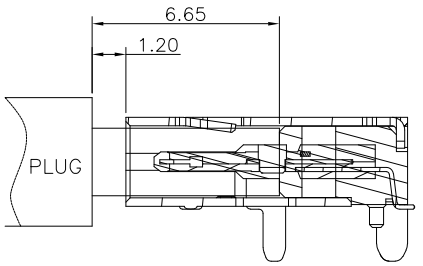
PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND



RECOMMENDED P.C.B LAYOUT

TOLERANCE UNSPECIFIED ±0.05mm



AFTER MATING

X.	±0.50	X.°	± 2°
.X	±0.30	.X°	± 1°
.XX	±0.20	.XX°	± 0.5°
.XXX	± 0.10		

UNITS: mm

MAT'L:

FINISH:

Q'TY:

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APPD: CZN

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DR: ZXM

PART NO.: TYPE-C-16P-H10.5-001209

SCALE	SHEET	REV.
1/1	2/2	A