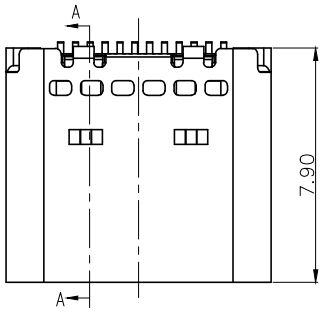
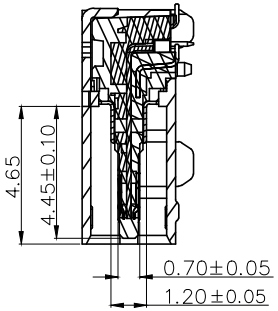
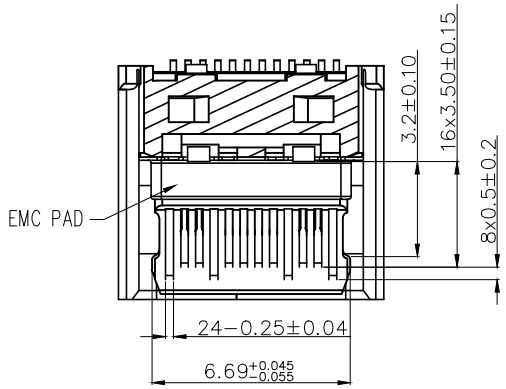
REV	DESCRIPTION	DATE	CHECK	APPROVAL
A0	NEW RELEASE	2024/01/19	MA	PENG



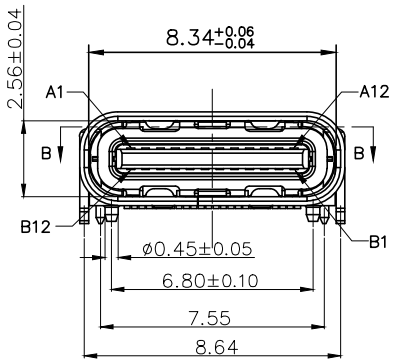


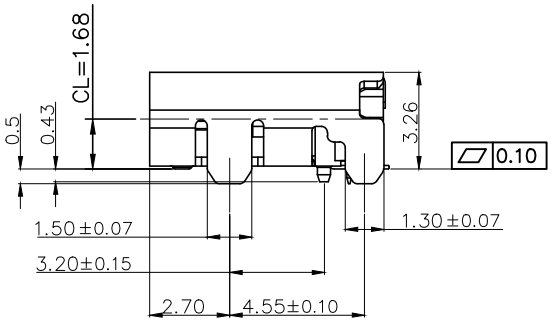
SEC A-A

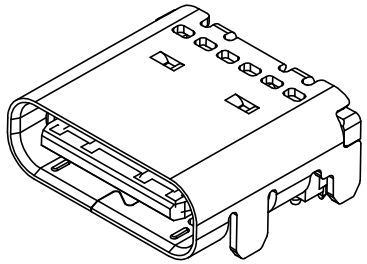


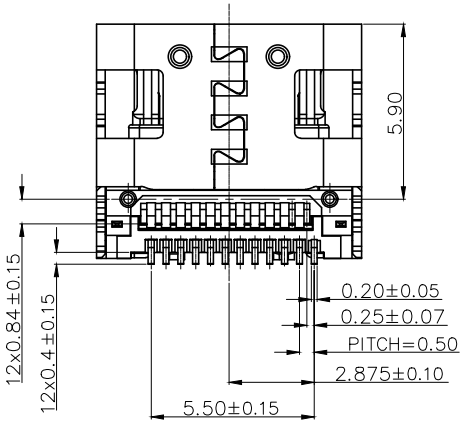
SEC B-B

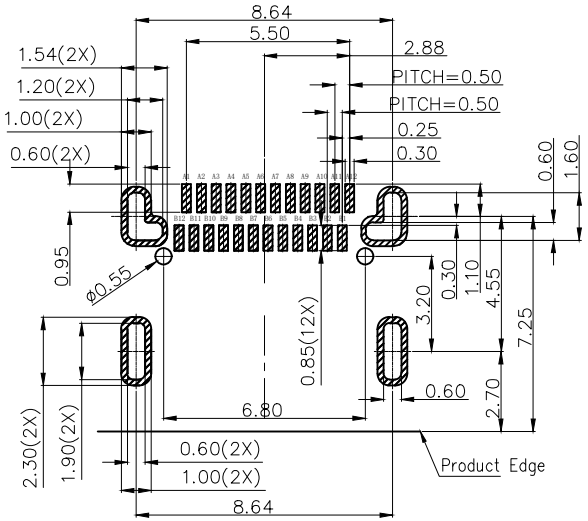
NOTES:
1.MATERIAL
INSULATOR: HIGH-TEMP. PLASTIC, UL94 V-0,
COLOR: BLACK
CONTACT: COPPER ALLOY,T=0.12mm
3u Gold PLATED ON CANTACT AREA,
G/F GOLD ON SOLDER AREA,
50u" NICKEL PLATING OVER ALL.
SHELL: SUS304,T=0.30mm
50u" NICKEL PLATED.
MID PLATE: SUS301,T=0.15mm,NO PLATING.
EMC PAD : SUS304,T=0.10mm, NO PLATING.
2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N.
DURABILITY: 10000 CYCLES
3.ELECTRICAL:
CURRENT: 5A MAX FOR VBUS;
1.25A MAX FOR OTHER.
VOLTAGE: 20VDC MAX
WITHSTANDING VOLTAGE: 100V AC.
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.
4.ENVIRONMENTAL
TEMPERATURE RANGE: -40°C TO +105°C











RECOMMENDED PCB LAYOUT(TOP VIEW)

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	Vbus	SBU1	D-	D+	CC	Vbus	TX1-	TX1+	GND
GND	TX2+	TX2-	Vbus	Vconn	D+	D-	SBU2	Vbus	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

RoHS Compliant 2002/95/EC

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GENERAL TOLERANCE
.X 0.30
.XX 0.20
.XXX 0.10

PROJECT

鸿康科技（东莞）有限公司
Hongkang Technology (Dongguan) Co., Ltd

APPROVAL	CHECK	DRAWN	DATE
PENG	MA	ZHANG	2024/01/19

PART NO. 0032.TCF.X2.HK

TITLE. TYPE C母座24PIN 板上四脚插板双排SMT L=7.9

UNIT	SCALE	NUMBER	REV
MM	1 : 1	A- 00	A0