

1 2 3 4 5 6 7 8 9 10

A

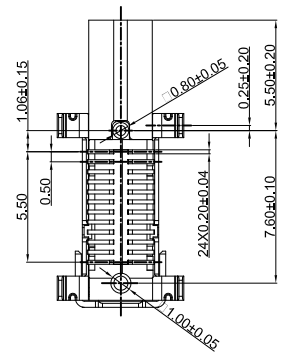
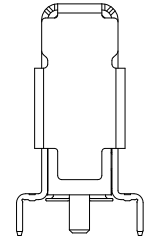
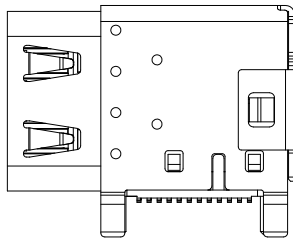
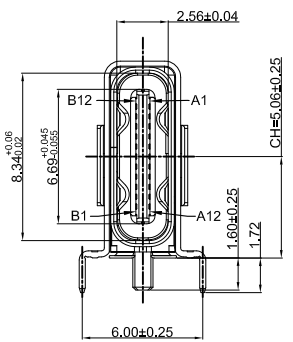
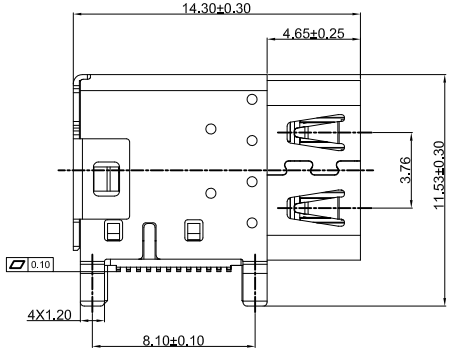
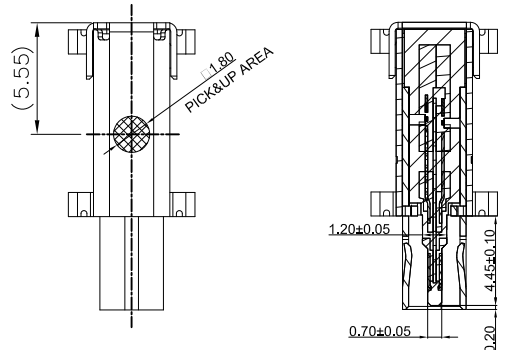
B

C

D

E

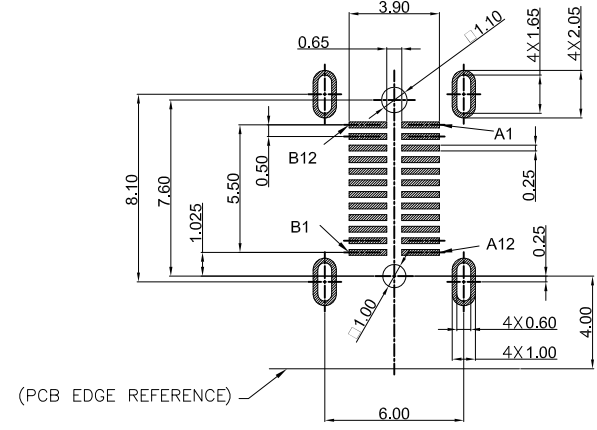
F



SPECIFICATION

1. CURRENT RATING : 5.0A FOR Vbus PIN,
1.25A FOR Vconn PIN,
0.25A FOR OTHER PINS.
2. CONTACT RESISTANCE : 40mΩ.
3. INSULATION RESISTANCE : 1000MΩ MIN.
4. DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC MIN.
5. OPERATING TEMPERATURE : -40°C TO +85°C.
6. MATING FORCE : 5~20N.
7. UNMATING FORCE : 8~20N.
8. DURABILITY : 10,000 CYCLES.
9. RECOMMENDED PROCESS :
THE PEAK TEMPERATURE ON THE BOARD SHALL
MAINTAIN 260°C.

ITEM	DESCRIPTION	QTY	MATERIAL	REMARK
5	TERMINAL	24	COPPER ALLOY	MATING SIDE: Au 30u"MIN; SOLDER TAIL: Gold FLASH, 50u" NICKEL OVERALL.
4	OUT SHELL	1	STAINLESS STEEL	NICKEL PLATING
3	MAIN SHELL	1	STAINLESS STEEL	NICKEL PLATING
2	MID PLATE	1	STAINLESS STEEL	NICKEL PLATING
1	MAIN HOUSING	1	HIGH TEMPERATURE MATERIAL	BLACK UL94V-0
BILL OF MATERIAL				




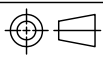
RECOMMENDED P.C.B LAYOUT
TOLERANCE ± 0.05mm (TOP VIEW)

PIN ASSIGNMENT

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC1	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PROPRIETARY NOTE:

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.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw	
.XX ± 0.20	CHECKED: Andy		
.XXX ± 0.15	DRAWN: Vic		
X° ± 3°			
	UNITS: mm	SCALE: NONE	TITLE: USB Type C Upright Type Connector
			PART NO: 9177USB31-F00047
		SHEET: 1 OF 1	

A	11.7.2022
REV	DATE

1 2 3 4 5 6 7 8 9 10