

DATE CODE: YYWWD

YY: YEAR (24=2024)

WW: WEEK (01~52)

D: DAY (1~7)

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2024/04/22

SPECIFICATION:

1. ELECTRICAL

- 1.1 Current Rating: 5A for Vbus;
1.25A for Vconn & GND;
0.25A for other pin
- 1.2 Voltage Rating: 48VDC max
- 1.3 Contact Resistance: 40mΩ
- 1.4 Insulation Resistance: 100MΩ
- 1.5 Dielectric Withstanding Voltage: 100VAC

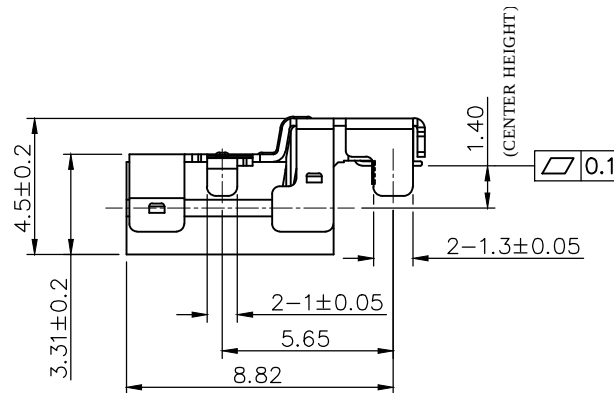
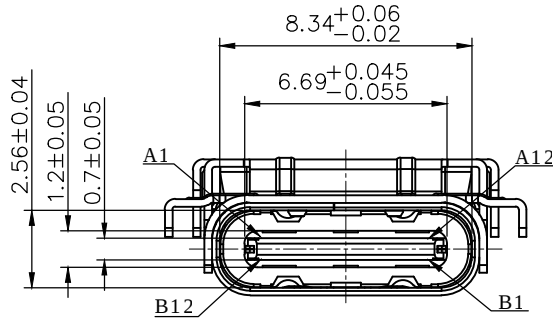
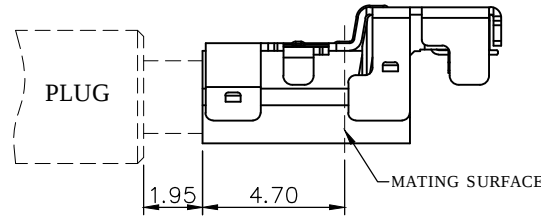
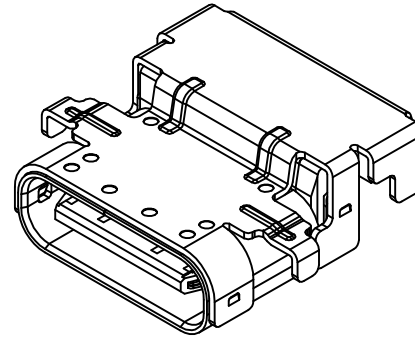
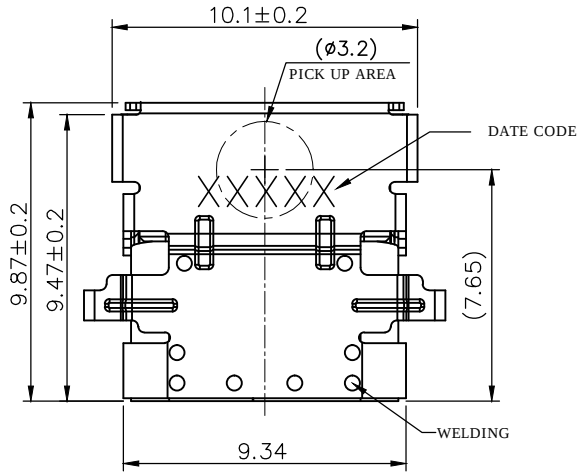
2. MECHANICAL

- 2.1 Durability: 10,000 cycles
- 2.2 Insertion Force: 5 to 20N
- 2.3 Extraction Force: 8 to 20N

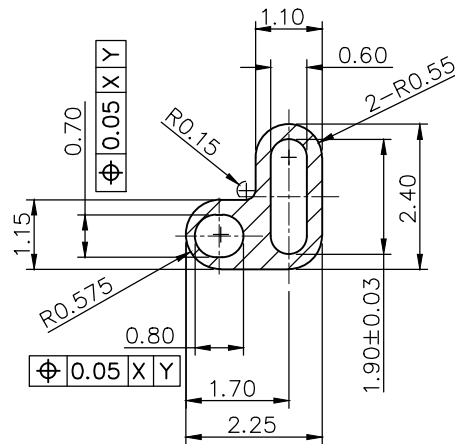
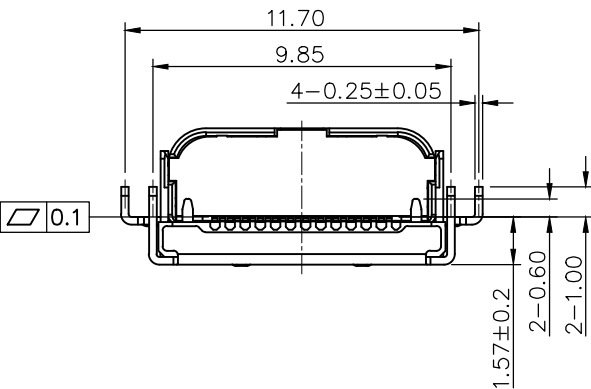
3. ENVIRONMENTAL

- 3.1 Operating temperature range: -40°C~+85°C
- 3.2 Storage temperature range: -40°C~+85°C

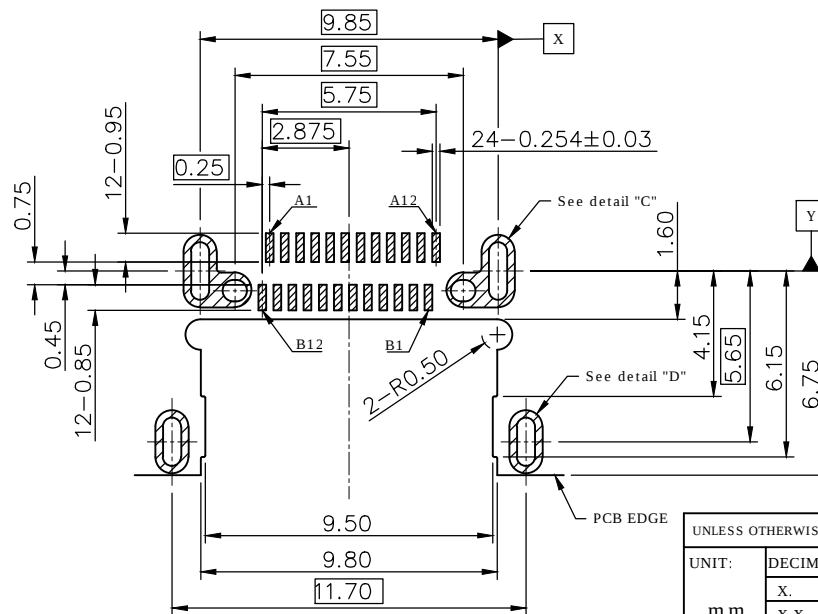
4. Can transfer data at up to 40 Gbit/s



4	MID PLATE	Stainless steel, 50u" Nickel plating	
3	SHELL	Stainless steel, 50u" Nickel plating	
2	CONTACT	Copper alloy, 30u" Gold plating on contact area 100u" matte-tin plating on solder area, 50u" Nickel under-plating over all	
1	HOUSING	PA9T, UL94V-0, Black	
NO. PART NAME		DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°
			
			www.attend.com.tw
DRAWN	Fros	2024/04/22	DRAWN NAME:
CHECKED	Tim	2024/04/22	USB4 Gen 3 Type C Mid-Mount Receptacle, 24 Pin Dual Row SMD, CH1.4, 30u", Reel
APPROVED	Ken	2024/04/22	PRODUCT NO. 217C-CG10
	SCALE 4/1	SHEET 1/3	SIZE A4
FILE NAME		217C-CG10_B_1	



DETAIL "C"



DETAIL "D"

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°
DRAWN	Fros		2024/04/22
CHECKED	Tim		2024/04/22
APPROVED	Ken		2024/04/22
		SCALE 4/1	SHEET 2/3
			SIZE A4



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22	DRAWN NAME:
22	USB4 Gen 3 Type C Mid-Mount Receptacle, 24 Pin Dual Row SMD, CH1.4, 30u", Reel

22	PRODUCT NO.	217C-CG10
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FILE NAME	217C-CG10_B_1
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