

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2023/11/17
1.1	ECR250212001	TIM	2025/02/12

PIN ASSIGNMENTS:

PIN	SIGNAL NAME	PIN	SIGNAL NAME	SOLDER TAILS
A1	GND	B12	GND	C1
A4	VBUS	B9	VBUS	C2
		B8	SBU2	C3
A5	CC1			C4
		B7	Dn2	C5
A6	Dp1			C6
A7	Dn1			C7
		B6	Dp2	C8
A8	SBU1			C9
		B5	CC2	C10
A9	VBUS	B4	VBUS	C11
A12	GND	B1	GND	C12

SPECIFICATION:

1. ELECTRICAL

- 1.1 Current Rating: 5A for Vbus;
1.25A for Vconn & GND;
0.25A for other pin

1.2 Voltage Rating: 20 VAC 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

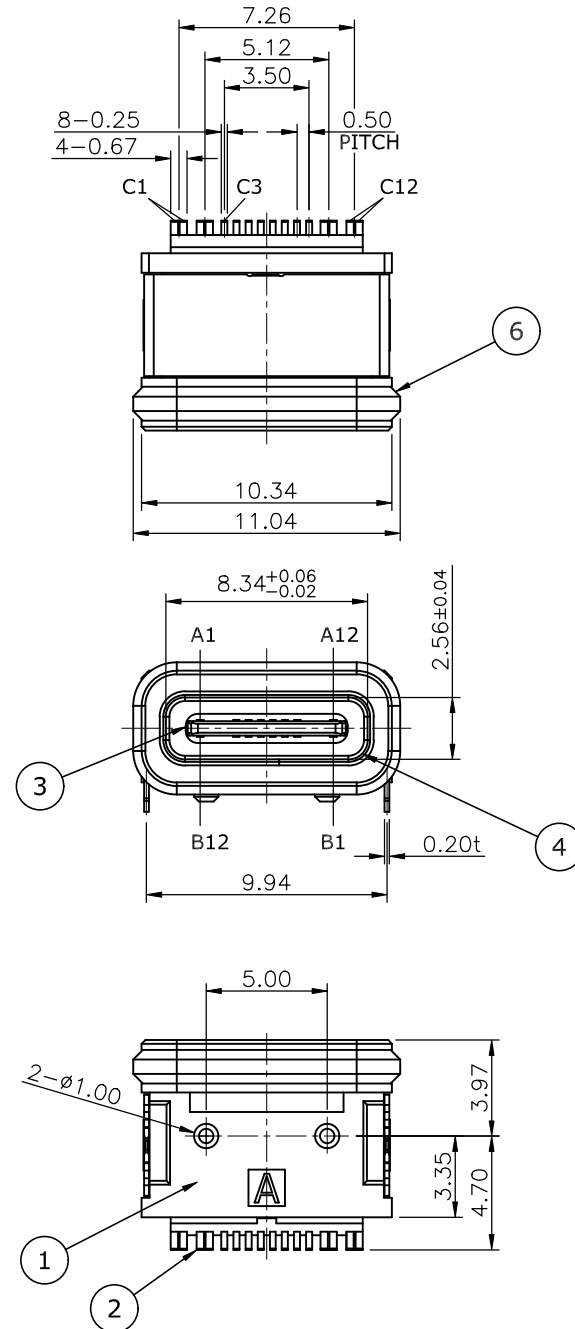
3.2 Storage temperature range: -40°C~+85°C

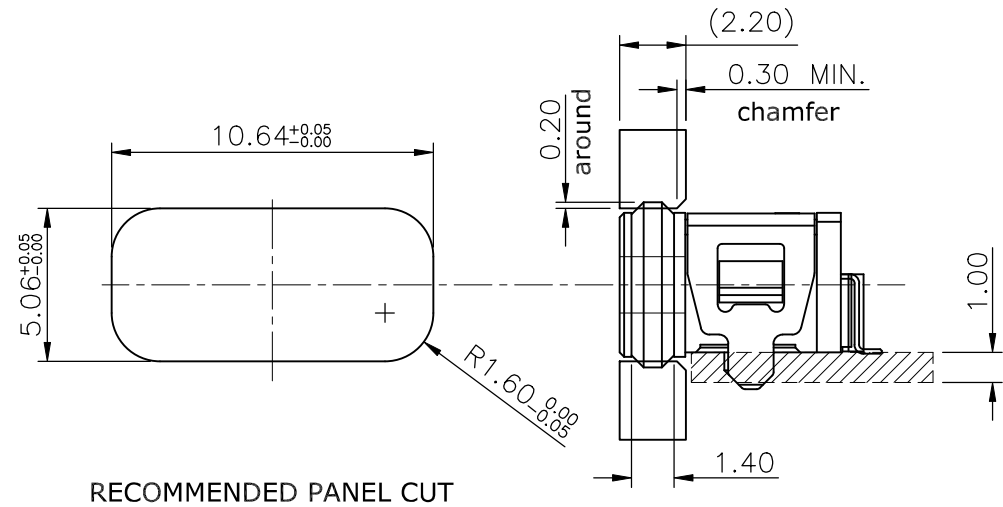
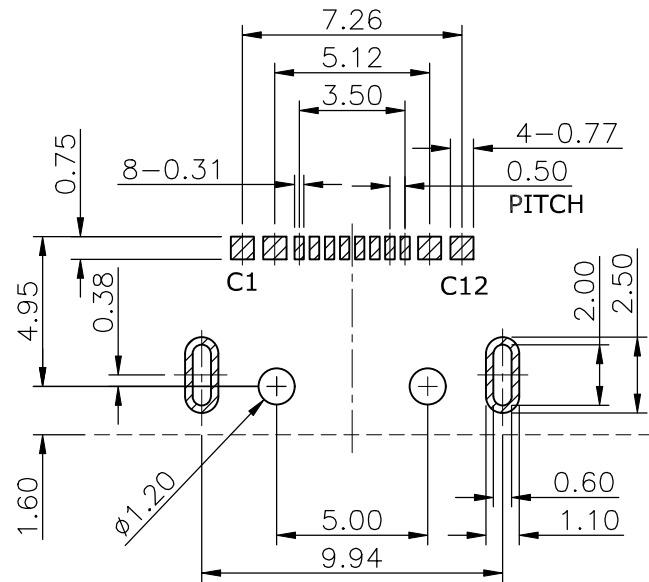
7	GLUE	EPOXY
6	ORING	Silicone
5	COVER	Stainless Steel, 0.2t Nickel plating
4	SHELL	Stainless Steel, 0.25t Nickel plating
3	MID PLATE	Stainless Steel, 0.15t
2	CONTACT	Copper Alloy, 3u" Gold plating on contact area Gold plating on solder tail, under plated Nickel
1	HOUSING	PA9T, UL94V-0, Black

NO.		PART NAME		DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE				ATTEND www.attend.com.tw	
UNIT:	DECIMAL	LINEAR	ANGLES		
	X.	±0.50	±5°		
	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
mm					
DRAWN		Fros	2023/11/17	DRAWN NAME: USB Type C Receptacle, 16 Pin Single Row, SMD Type, IP68 Waterproof, w/ Oring, 3u", Reel	
CHECKED		Tim	2023/11/17		
APPROVED		Ken	2023/11/17	PRODUCT NO.	217B-CA04
	SCALE 3.2	SHEET 1/2	SIZE A4	FILE NAME	217B-CA04_B_1.1



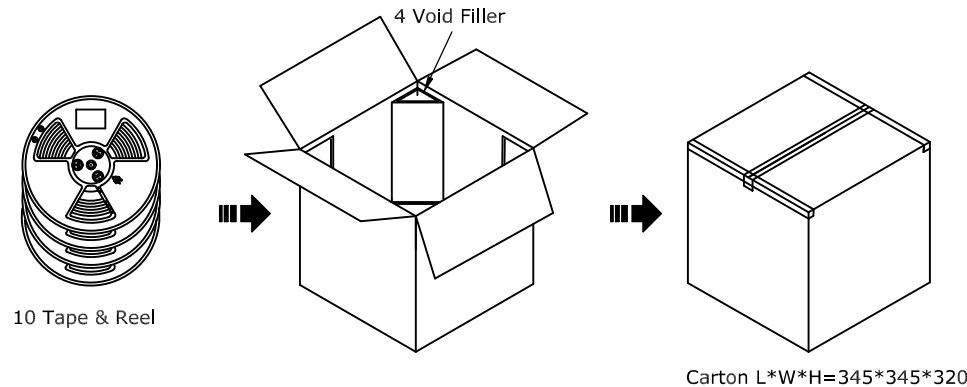
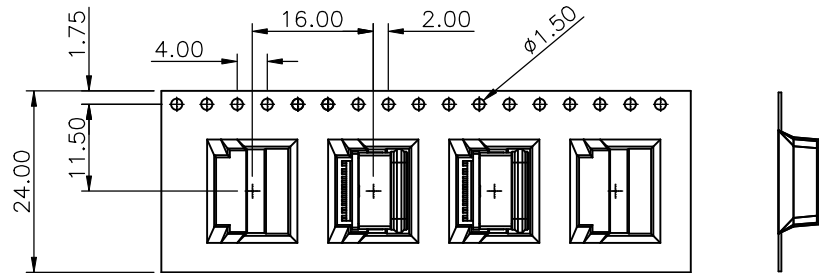
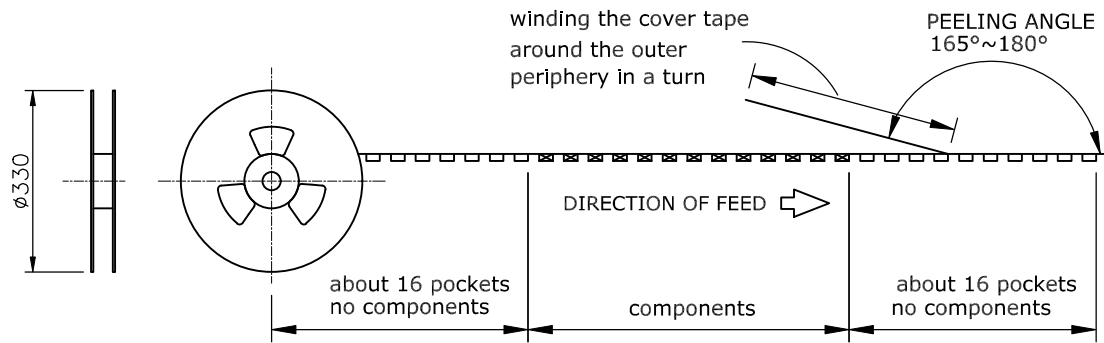
www.attend.com.tw





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UNIT: mm	DECIMAL	LINEAR	ANGLES				
	X.	±0.50	±5°				
	X.X	±0.25	±3°				
	X.XX	±0.12	±1°				
				www.attend.com.tw			
DRAWN	Fros	2023/11/17	DRAWN NAME: USB Type C Receptacle, 16 Pin Single Row, SMD Type, IP68 Waterproof, w/ Oring, 3u", Reel				
CHECKED	Tim	2023/11/17					
APPROVED	Ken	2023/11/17	PRODUCT NO. 217B-CA04				
	SCALE 4.0	SHEET 2/2	SIZE A4	FILE NAME 217B-CA04_B_1.1			

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PACKAGING SPECIFICATION:

1. MATERIAL

- 1.1 Embossed Carrier Tape: PS Transparent
- 1.2 Top Cover Tape: PET
20-80g(Peel Speed 300mm/Minute)
- 1.3 Taping Reel: Plastic

2. PACKING

- 2.1 Quantity:
700 Piece/Reel
7000Piece/Outer Carton

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	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
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DRAWN		Fros	2023/11/17	DRAWN NAME: USB Type C Receptacle, 16 Pin Single Row, SMD Type, IP68 Waterproof, w/ Oring, 3u", Reel	
CHECKED		Tim	2023/11/17		
APPROVED		Ken	2023/11/17	PRODUCT NO.	217B-CA04
	SCALE N/A	SHEET 1/1	SIZE A4	FILE NAME	217B-CA04_D_1