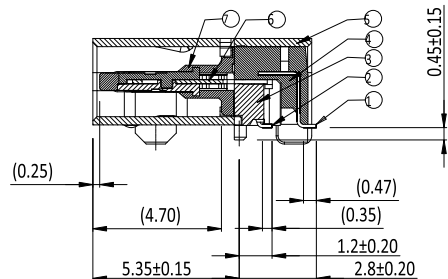
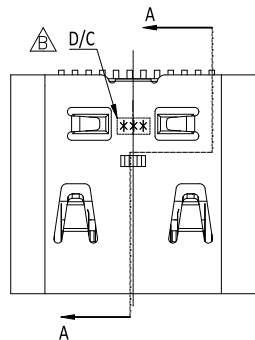
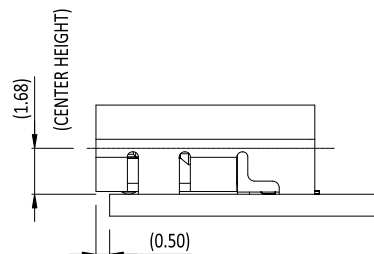
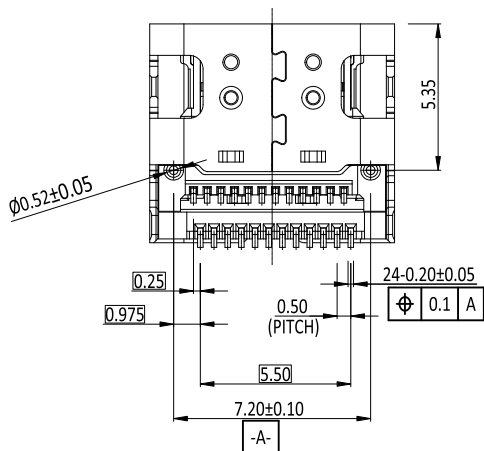
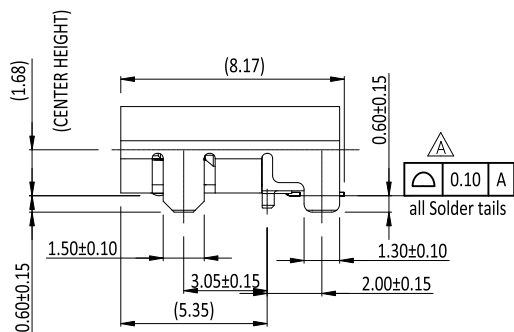
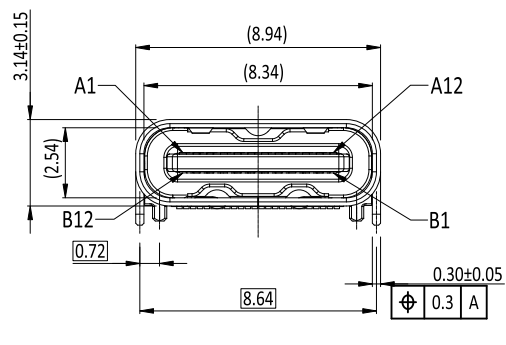


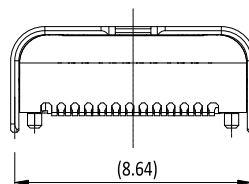
HF
compliant



SECTION:A-A



MATING CONDITION



NOTES: 1. Electrical characteristics:

1-1. Contact current rating:

A current of DC 1.25A max. shall be applied collectively to A1,A4,A9,A12, B1,B4,B5,B9,B12,and DC 0.25A shall be applied collectively to other contacts.

1-2. Contact resistance:

40 Milliohms (MAX) initial for VBUS, GND and all other contacts.

Maximum change (delta) of +10 Milliohms after environmental stresses.

1-3. Dielectric withstanding voltage : 100 V AC MIN (RMS).

1-4. Insulation resistance: 100 MEGOHMS MIN.

2. Mechanical characteristics:

2-1. Connector insertion force: 5~20N at a maximum rate of 12.5mm per minute.

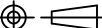
2-2. Connector extraction force: 8~20N up to 1000 mating cycles, and 6~20N after the specified insertion/extraction or durability cycles at a maximum rate of 12.5mm per minute. 2-3. Durability: 10000 cycles minimum.

2-4. Operating temperature: -55°C TO +85°C

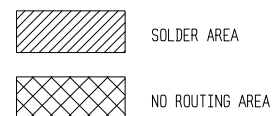
3. The connector is Rohs compliant and halogen free compliant.



7	Housing	1	Thermo Plastic	Molded Color: Black
6	Shield Plate	1	Stainless Steel	Ni Plating
5	Shell	1	Stainless Steel	Ni Plating
4	Upper I/M Insulator	1	Thermo Plastic	Molded Color: Black
3	Lower I/M Insulator	1	Thermo Plastic	Molded Color: Black
2	Lower Contact	12	Copper Alloy	Contact area: Gold over Ni. Solder tails: Gold over Ni.
1	Upper Contact	12	Copper Alloy	Contact area: Gold over Ni. Solder tails: Gold over Ni.
Item	Description	QTY.	Material	Finish

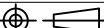
53312020010		317DC24BSSF4N2C3		Black		Tap&Reel			
NEW P/N.		OLD P/N.		INSULATOR COLOR		PACKING STYLE			
UNLESS OTHERWISE SPECIFIED TOLERANCE				 SIP		 CHANT SINCERE CO.,LTD TEL:+886-2-8647-1251 WWW.COXOC.COM.TW			
$\begin{matrix} X & \pm 0.25 \\ .XX & \pm 0.15 \end{matrix}$ $\begin{matrix} X^\circ & \pm 1^\circ \\ X^\circ & \pm 0.5^\circ \end{matrix}$				 Cmk Cpk					
SCALE:		AS SHOWN		UNIT:				mm	
DRAWN:		KEVIN_ZHENG		13 06 2023				TITLE: USB Type C 24Pin, RECP.Conn.	
CHECKED:		PEARL_HUNG		29 06 2023					
APPROVED:		PEARL_HUNG		29 06 2023					
PART NO.		53312020010				C			
CODE:		A07		CUSTOMER:					
		SIZE A4		SHEET 1/3		REV. E			

E	ECN-2306039(PEARL)NEW P/N.	13JUN2023
D7	ECN-2202026(ZOE)ADD CONTACT AREA PLATING OPTION	17FEB2022
ZONE	REVISION	DESCRIPTION
1	2	3
4	5	6

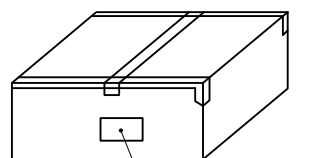
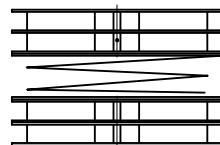
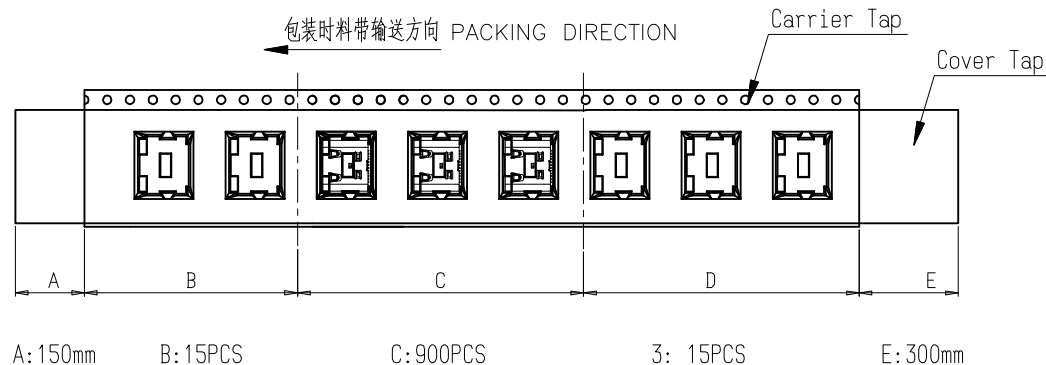
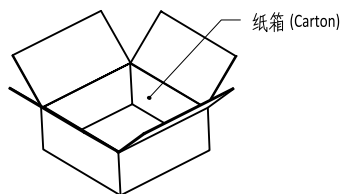
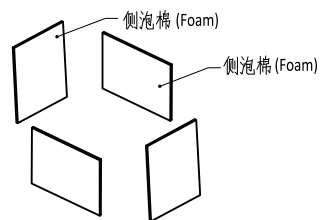
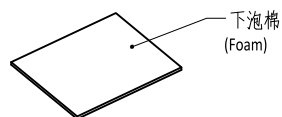
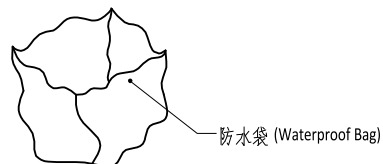
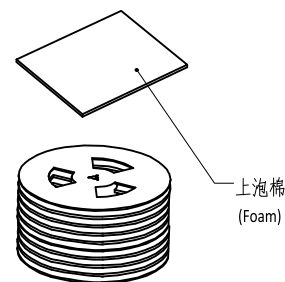


PIN ASSIGNMENT			
Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	 CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	 CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

THE RECOMMEND PCB LAYOUT
DEFAULT TOLERANCE:±0.05

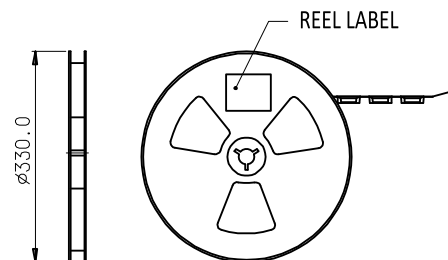
UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP		 CHANT SINCERE CO.,LTD TEL:+886-2-8647-1251 WWW.COXOC.COM.TW		
.XX ±0.25 X° ±1° ±0.15 X° ±0.5°		 CmK Cpk				
SCALE: AS SHOWN		UNIT: mm				
DRAWN: KEVIN_ZHENG		13 06 2023				
CHECKED: PEARL_HUNG		29 06 2023		TITLE: USB Type C 24Pin, RECP.Conn.		
APPROVED: PEARL_HUNG		29 06 2023				
PART NO.		53312020010			C	
		SIZE A4	SHEET 2/3	REV. E	CODE: A07	CUSTOMER:
7		8		9		10

	E	ECN-2306039(PEARL)SEE PAGE 1/3
D7	D	ECN-2202026(ZOE)ADD CONTACT AREA PLATING OPTION
ZONE	REVISION	DESCRIPTION



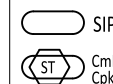
CARTON LABEL

900PCS/Reel
14Reel/CARTON



ITEMS	AMOUNT	Q'TY
CARTON	410X385X465	1PCS
Carrier Tap	14.88m/Reel	208.32m
Cover Tap	15.33m/Reel	214.62m

UNLESS OTHERWISE SPECIFIED TOLERANCE			
.XX	± 0.25 ± 0.15	X° X°	$\pm 1^\circ$ $\pm 0.5^\circ$



SCALE:	AS SHOWN	UNIT:	mm
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DRAWN:	KEVIN_ZHENG	13 06 2023
CHECKED:	PEARL_HUNG	29 06 2023

APPROVED:	PEARL_HUNG	29 06 2023
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SIZE	A4	SHEET	3/3	REV.	E
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CHANT SINCERE CO., LTD
TEL:+886-2-8647-1251 WWW.COXOC.COM.TW

TITLE:
USB Type C 24Pin, RECP.Conn.

PART NO. 53312020010

CODE: A07 CUSTOMER:

	E	ECN-2306039(PEARL)SEE PAGE 1/3	13JUN2023
D7	D	ECN-2202026(ZOE)ADD CONTACT AREA PLATING OPTION	17FEB2022
ZONE	REVISION	DESCRIPTION	DATE