

SPECIFICATION

1. MATERIAL: See drawing
2. ENVIRONMENTAL
TEMPERATURE RANGE $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
3. STANDARD DATA
3.1 Rating current: 5.0A for VBUS (i.e., pins A4, A9, B4, B9);
1.25A for Vconn and GND (i.e., pins B5, A1, A12, B1, B12);
0.25A for all the other contacts.
4. ELECTRICAL
4.1. Insulator resistance: 100M ohms Min.
4.2. Withstanding voltage: 100 VAC / minute
4.3. Contact resistance: initial 40mohms
Max. after 50mohms Max.
5. MECHANICAL
5.1 Mating force: 5~20N
5.2 Unmating force : Initial 8~20N
After 10000cycles 6~20N
5.3 Durability: 10000 cycles Min.

PART NO.

894 D 1 3 -0824 24 016

SERIES _____
D=I/O Connector
TYPE _____
1=0.5mm pitch
CONTACT TYPE _____
3=SMT type

MODEL NO.


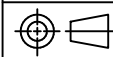
TYPE NO.
016=Type 16
CONTACT NUMBER
24=24position

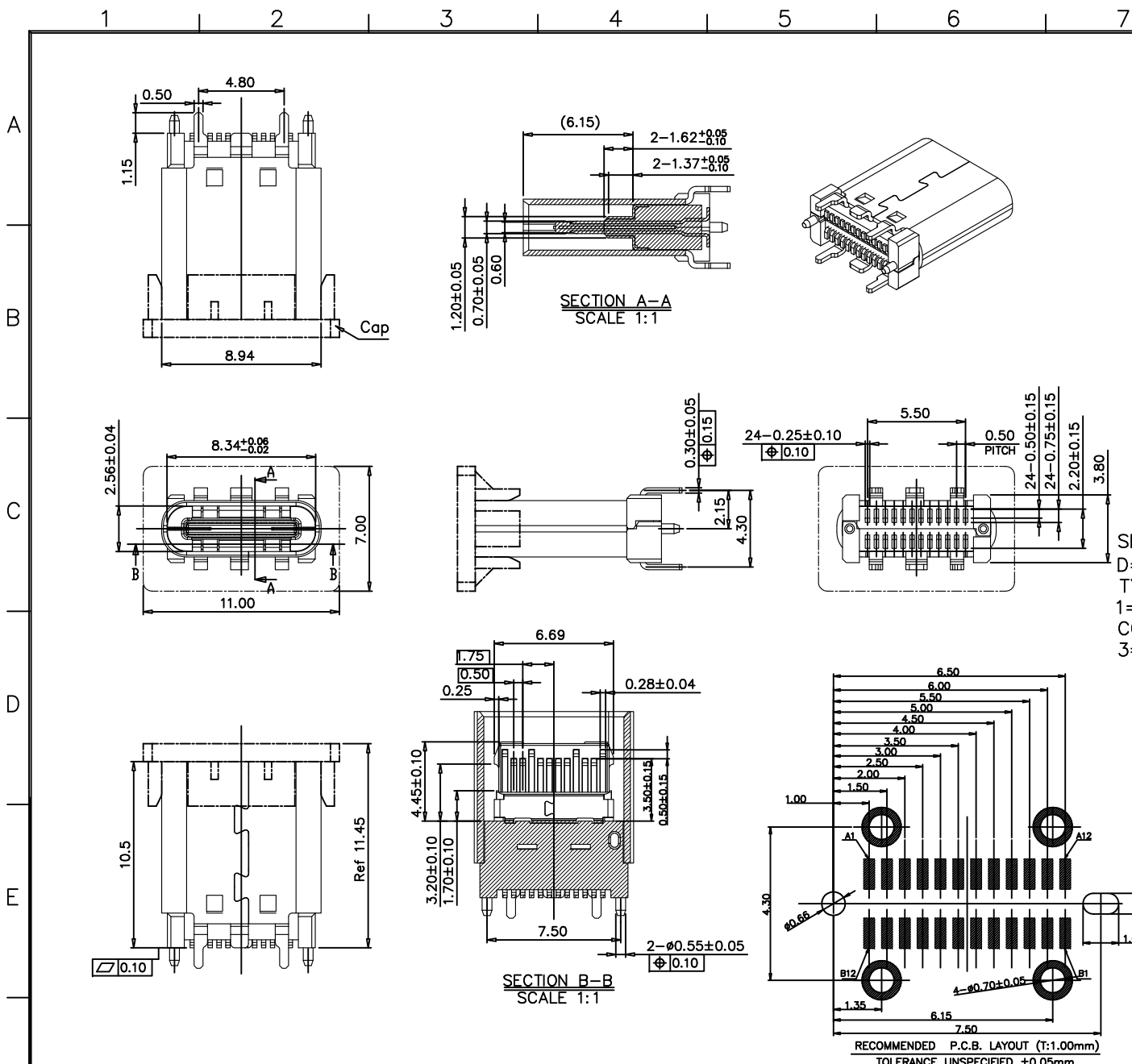
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

Pin	Signal Name	Description	Pin	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Negative half of first SuperSpeed RX differential pair
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	B10	SSRXm1	Positive half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXm2	Negative half of second SuperSpeed RX differential pair	B3	SSTxm2	Positive half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTxp2	Negative half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

PROPRIETARY NOTE:

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.X ± 0.30	APPROVED:	Chris	 http://www.rego.com.tw
.XX ± 0.20	CHECKED:	Denny	
.XXX ± 0.15	DRAWN:	Bryan	TITLE: USB3.1 TYPE C VERTICAL RECEPTACLE
X° ± 3'	UNITS:	mm	SCALE: NONE
			PART NO: 894D13-082424016
			SHEET: 1 OF 2



ITEM	PARTS NAME	Q'TY	MATERIAL	FINISH/REMARK
項目	零件名稱	數量	材質	處理/備註
1	Insemold housing	1	SYNTHETIC RESIN	Black
2	CONTACT	1	COPPER ALLOY	Gold flash selective ON CONTACT AREA, 100u" Min TIN (LEAD FREE) ON SOLDER AREA
3	SHELL	1	STAINLESS	Ni: 50u" Min
4	Shield	1	STAINLESS	-

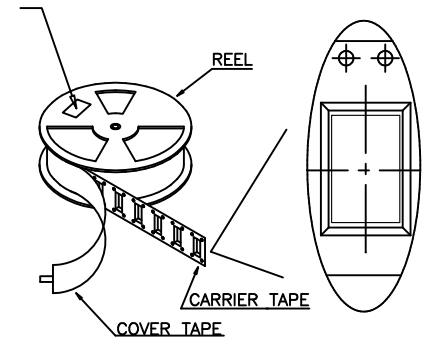
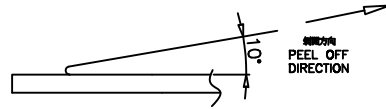
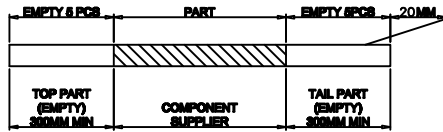
B	5.4.2017
REV	DATE

NOTES

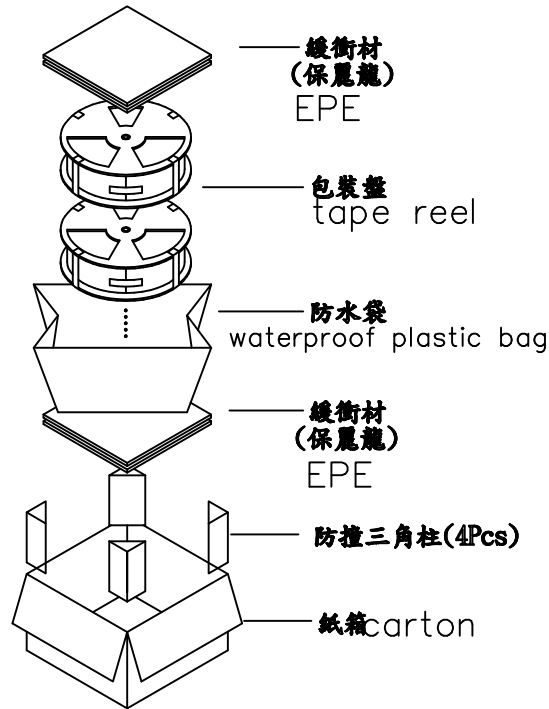
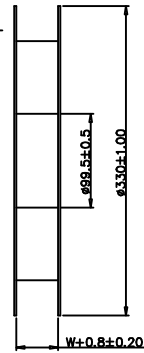
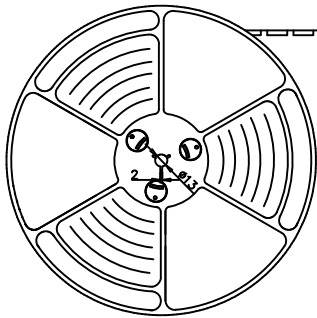
1. 帶子引導長度
LEAD TAPE LENGTH
出料方向
PULL OUT DIRECTEON

2. 上帶剝力力為：0.1~1.3N(10.2gf~130gf)
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)
出貨運輸過程中一定注意：
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT：
卷帶在運輸過程中不能剝開
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

at small positioning hole of the carrier tape side.
標籤黏貼處 (朝捲裝包材的小定位孔一側)
Location of label sticking (label

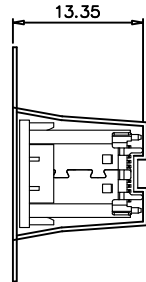
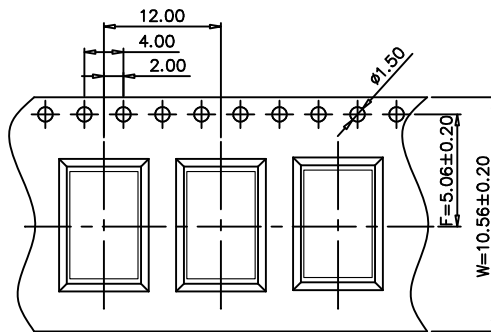


出料方向
PULL OUT DIRECTEON



NOTE:


1. 每捲包裝數量及每箱裝箱數量如下表格。
Packing q'ty of each reel & carton as below table shown.
2. 以上膠帶覆蓋下包裝帶經包裝機熱熔包裝
Use cover tape to cover and hot melt machine to seal up.
3. 每個紙箱放2個珍珠棉
Every carton use 2pcs EPE.
4. 將裝滿產品的卷盤放入紙箱並以膠帶封口
Put reels in the carton and use adhesive tape to seal up.



產品型號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)		
	PC/REEL	REEL/CARTON	PC/CARTON
894D13-082424016	450	7	3150

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.X ± 0.30	APPROVED:	 http://www.rego.com.tw
.XX ± 0.20	CHECKED:	
.XXX ± 0.15	DRAWN:	
X* ± 3'		
UNITS:	SCALE:	TITLE: USB3.1 TYPE C VERTICAL RECEPTACLE
mm	NONE	PART NO: 894D13-082424016
		SHEET: 2 OF 2

B	5.4.2017
REV	DATE