

1 2 3 4 5 6 7 8 9 10

A

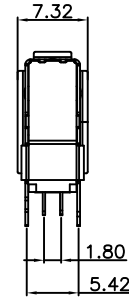
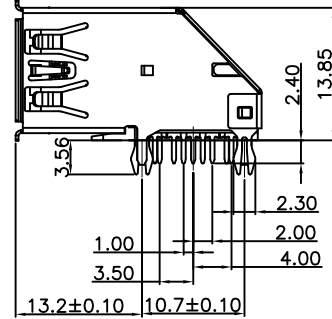
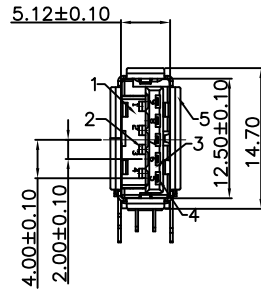
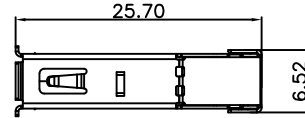
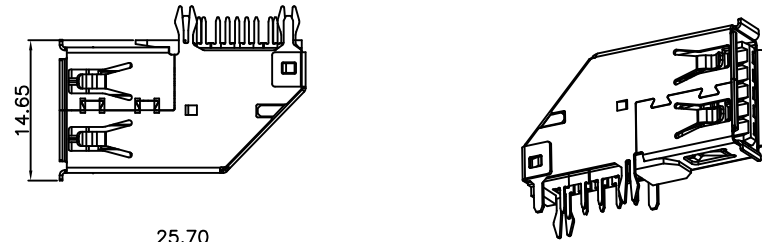
B

C

D

E

F



**SPECIFICATIONS:**  
 Contact current Rating:  
 1.8 Amperes for pin1&pin4.  
 0.25 Amperes other contacts  
 Dielectric Withstanding Voltage:AC  
 100V(RMS)  
 Insulation resistance:100Megohms Minimum.  
 Contact Resistance:  
 30mΩ Max for pin1&pin4  
 50mΩMax for other contacts  
 Mechanical Characteristics:  
 MATING FORCE:35 N Max  
 Extraction FORCE:10 N Min INITIAL; 8 N  
 Min AFTER TESTOperating  
 Temperature:-55 °C+85 °C2.FINISHED  
 CONTACTS: GOLD PLATED(SEE TABLE)  
 ON CONTACT AREA,80u"MIN. MATTE-TIN ON  
 SOLDER TALLS 50u" MIN. NICKEL  
 UNDERPLATING OVER ALL  
 SHELL: 50u" MIN. NICKEL  
 UNDERPLATING OVER ALL

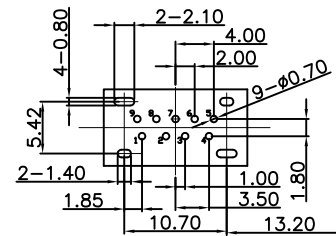
Ordering Information

812U3184K -  $\frac{09}{a} \frac{2}{b} \frac{0}{c} \frac{1}{d} \frac{3}{e}$


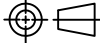
- a. No. Of Pins  
09: 09 positions
- b. Contact Type  
1: Male  
2: Female 4: Female<Without Flange>
- c. Contact Plating  
0: Gold flash selective gold  
1: 5u" selective gold over 50u" nickel  
2: 15u" selective gold over 50u" nickel  
3: 30u" selective gold over 50u" nickel
- d. Shell Plating  
1: Nickel  
2: Tin
- e. Insulator Color  
2: Black<high temperature>  
3: LCP Blue

ITEM	PART NAME	Material	Q'TY	REMARK
2	4P Semi-manufactured Goods	Housing PBT/LCP	1	Black.Red&Blue UL94V-0
3	5P Semi-manufactured Goods	Contact Phosphor Bronze	4	T=0.25 Plating Gld/Tin
4	5P Semi-manufactured Goods	Housing PBT/LCP	1	Black.Red&Blue UL94V-0
5	Shell	Contact Brass	5	T=0.25 Plating Gld/Tin
		Stainless Steel	1	T=0.3

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSRT+



PCB LAYOUT (TOP VIEW)

<b>PROPRIETARY NOTE:</b> This document contains confidential information and proprietary to Rego Electronics and shall not be reproduced or disclosed to other documents or used for any purpose other than that for which was obtained without the expressed written consent of Rego Electronics.			
.X ± 0.30	APPROVED:	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>	TITLE: USB3.0 Upright Right Angle PTH Type PART NO: 812U3184K-092013 SHEET: 1 OF 2
.XX ± 0.25	CHECKED:		
.XXX ± 0.15	DRAWN:		
X* ± 3'			
 UNITS: mm SCALE: NONE			

A	21.11.2023
REV	DATE

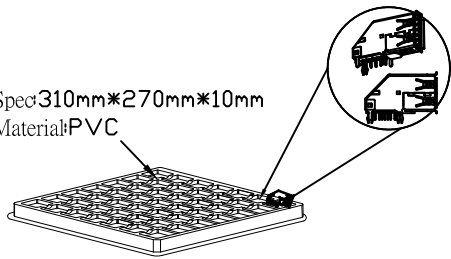
1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

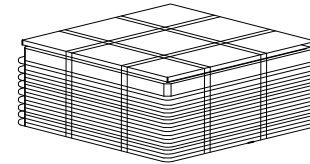
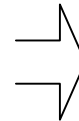
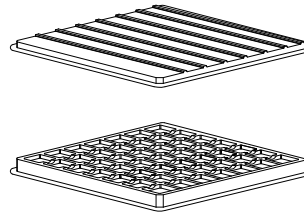
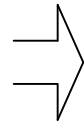
A

A

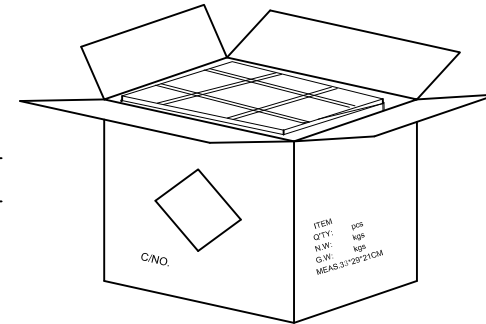
Tray Spec: 310mm\*270mm\*10mm  
Tray Material: PVC



Tray (1 Set) 90 Pcs / Box



20 Tray



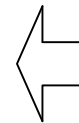
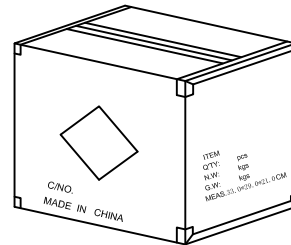
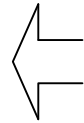
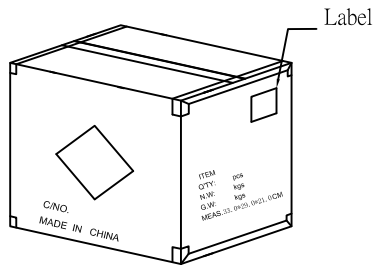
One Carton (1.8k).  
Carton Spec : 33.0\*29.0\*21.0 cm  
Carton Material : K=K

B

B

C

C



D

D



E

E

Quantity per carton	Net weight	Gross weight
1.8K sets/carton	6.12KG	8.08KG

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.X ± 0.30	APPROVED: Chris	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>
.XX ± 0.25	CHECKED: Andy	
.XXX ± 0.15	DRAWN: Vic	
X* ± 3°	UNITS: mm	SCALE: NONE
	TITLE: USB3.0 Upright Right Angle PTH Type	
	PART NO: 812U3184K-092013	
SHEET: 2		DF 2

A	21.11.2023
REV	DATE

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