

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 TEST  
Operating Temperature: -55 °C+85 °C.FINISHED  
CONTACTS: GOLD PLATED(SEE TABLE)  
ON CONTACT AREA,80u"MIN. MATTE-TIN ON  
SOLDERTALLS 50u" MIN. NICKEL  
UNDERPLATING OVER ALL  
SHELL: 50u" MIN. NICKEL  
UNDERPLATING OVER ALL

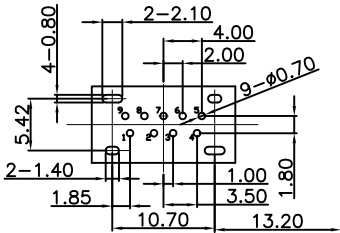
Ordering Information

812U3184K - 09 2 0 1 3  
a b c d 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

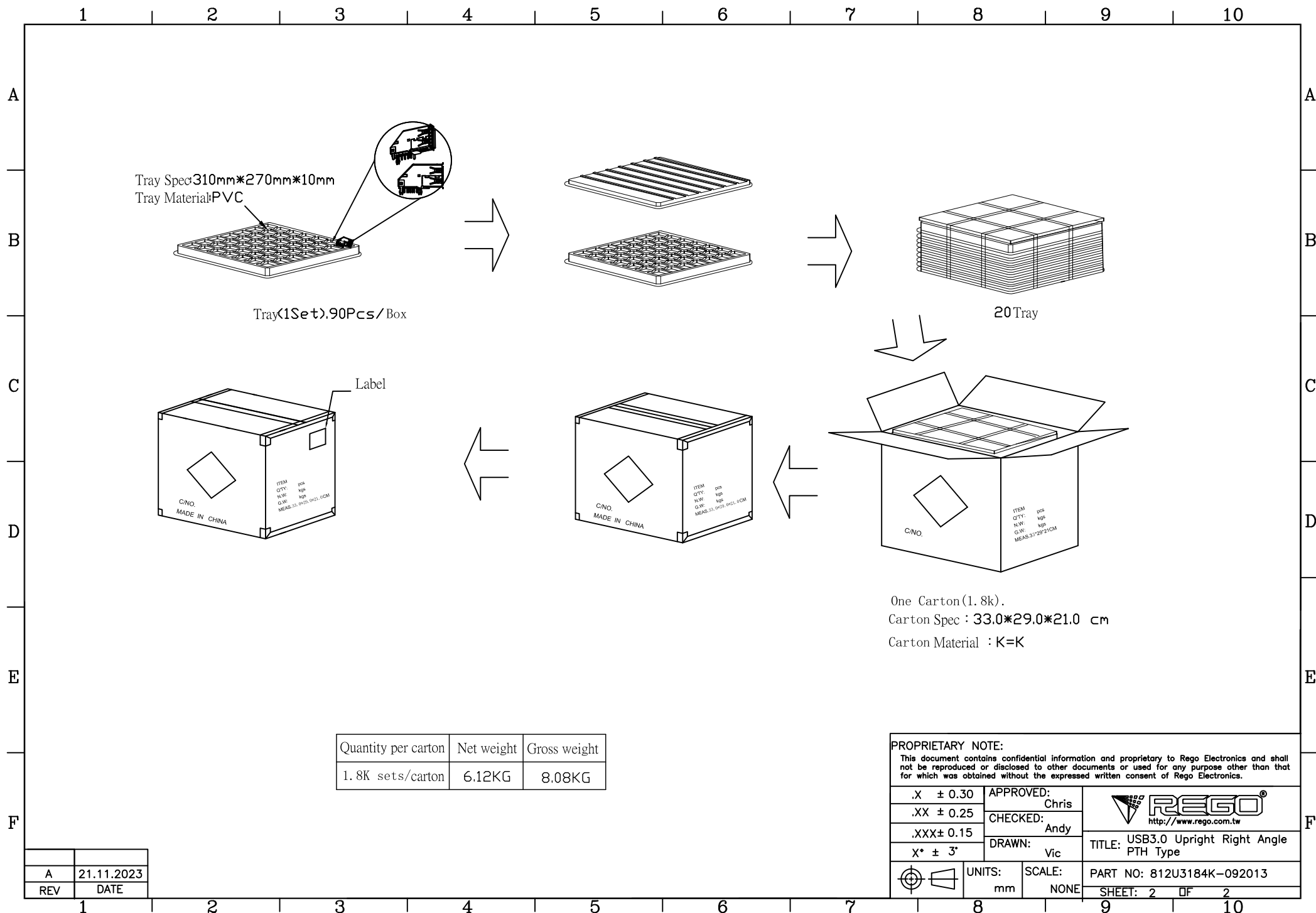
ITEM	PART NAME	Material	Q'TY	REMARK
2	4P Semi-manufactured Goods	Housing PBT/LCP	1	Black.Red&Blue UL94V-0
3	5P Semi-manufactured Goods	Contact Phosphor Bronze	4	T=0.25 Plating Gld/Tin
4	5P Semi-manufactured Goods	Housing PBT/LCP	1	Black.Red&Blue UL94V-0
5	Shell	Contact Brass	5	T=0.25 Plating Gld/Tin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

PROPRIETARY NOTE: 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:	 http://www.rego.com.tw	
.XX ± 0.25	CHECKED:		
.XXX ± 0.15	DRAWN:		
X* ± 3'			
UNITS: mm		SCALE: NONE	TITLE: USB3.0 Upright Right Angle PTH Type
		PART NO: 812U3184K-092013	
		SHEET: 1 OF 2	



A	21.11.2023
REV	DATE

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rego Electronics:](#)

[812U3184K-092013](#)