

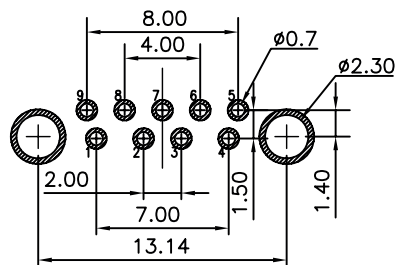
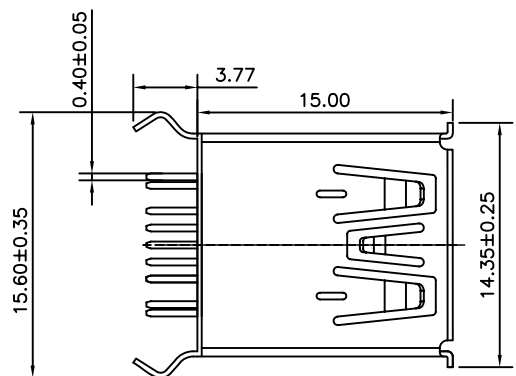
1

2

3

4

5



PCB LAYOUT * - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

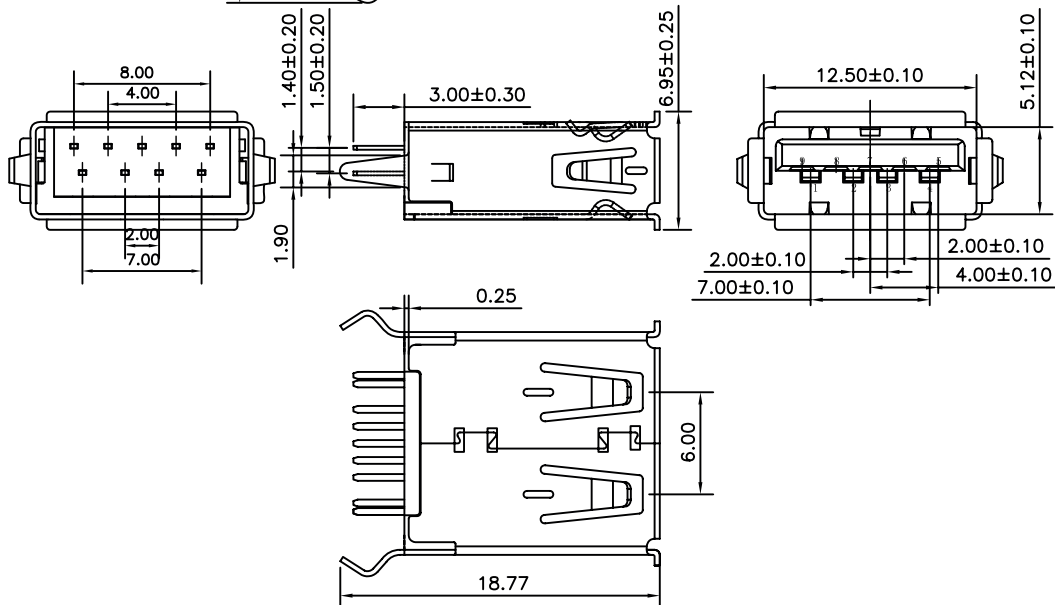
MATERIAL
 INSULATOR: LCP
 FLAMABILITY RATING: UL94-V0
 COLOR: BLUE
 CONTACT MATERIAL: COPPER ALLOY
 CONTACT TYPE: STAMPED
 CONTACT PLATING: SELECTIVE GOLD
 QUALITY CLASS: 5000 MATING CYCLES
 SHIELDING: INOX STEEL

ENVIRONMENTAL
 OPERATING TEMPERATURE: -20°C up to +85°C
 COMPLIANCE: LEAD FREE & ROHS

ELECTRICAL
 CURRENT RATING:
 - PIN 1 & PIN 4 (Vbus & corresponding ground PIN) 1.8A Max
 - OTHER PINS 0.25 A Max
 WORKING VOLTAGE: 30Vac
 DIELECTRIC WITHSTANDING VOLTAGE: 100Vac/min
 INSULATION RESISTANCE: > 100MΩ
 CONTACT RESISTANCE:
 - PIN 1 & PIN 4: 30mΩ Max
 - OTHER PINS: 50mΩ Max

SOLDERING
 JEDEC WAVE & REFLOW PROCESS

PACKAGING
 TRAY

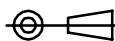


Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND
8	SSTX-
9	SSTX+

* NOTE: THE RECOMMENDED PCB LAYOUT IS FOR AN OPTIMIZED RETENTION FORCE OF CONNECTOR ON PCB BUT IT IMPLIES INSERTION FORCE THAT A LOT OF PICK AND PLACE MACHINES ARE NOT ABLE TO HANDLE. THEREFORE IT MIGHT BE NECESSARY TO DRILL BIGGER HOLES FOR THE CLIPS. PLEASE CHECK THIS CAREFULLY.

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 1

DRAW: QL

DESCRIPTION: USB 3.0 VERTICAL

WERI PART NO: 692121430100

SIZE

A4

G			
F			
E			
D			
C			
B			
A	17-JUL-13	PDF	QL
REV	DATE	FILE	BY

1

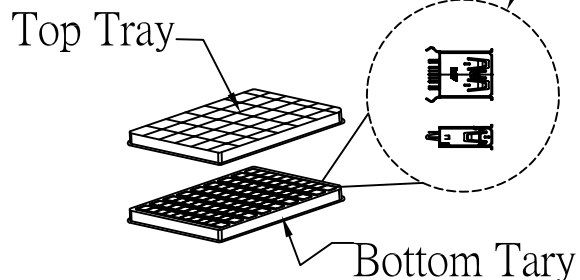
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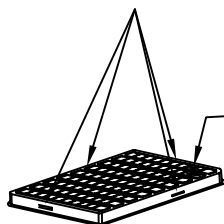
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PRODUCT



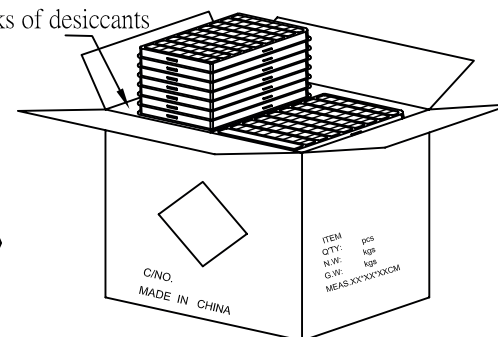
① PE Vacuum tray(1 Set).

Staples



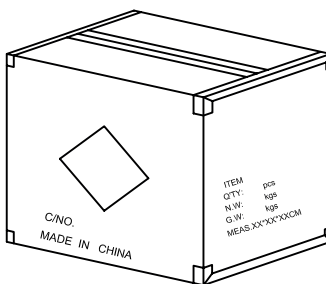
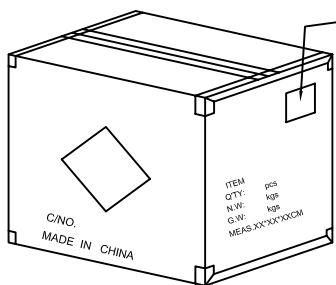
② 100Pcs/tray, put the staples on each side of the trays unless there are special requirements from the customers.

4 packs of desiccants

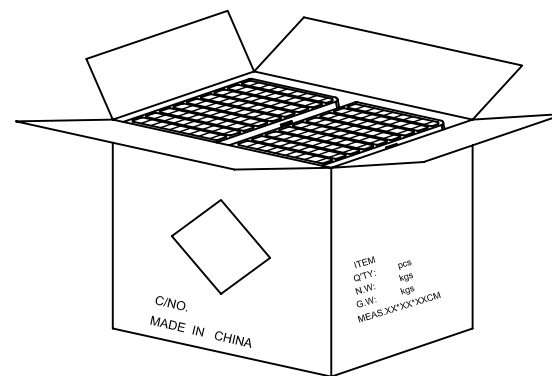


③ 50 SET/Carton(5k).

Carton Label



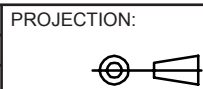
⑤ Sealing the carton by transparent tape as "I" letter



④ Pack 50 trays, in each carton, and the balanced will be packed with stuff size : 48. 2*27. 2*25. 2CM

Q'TY	N.W.	G.W.
5K SET /Carton	9.9KG	12.0KG

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	26-JUL-13	PDF	QL
REV	DATE	FILE	BY



APPROVAL: RJ

GENERAL TOLERANCE
 .X = +/- 0.2
 .XX = +/- 0.15

UNIT: MM
 SCALE:
 SHEET: 2/3
 DRAW: QL



DESCRIPTION: USB 3.0 VERTICAL
 WERI PART NO: 692121430000

SIZE
A4

A

B

C

D

1

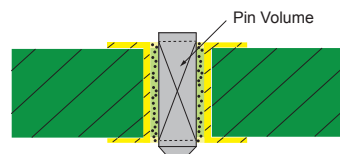
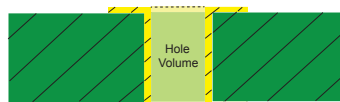
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PCB cross section


 Free volume for solder paste

Theoretical Formula for Through Hole pins

$$\text{Volume of the stencil aperture} = (\text{Hole volume} - \text{Pin volume}) \times 2$$

or

$$\text{Volume of solder paste} = (\text{Hole volume} - \text{Pin volume}) \times 2$$

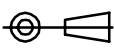

Stencil

Stencil Thickness: 150 μm

PCB

PCB thickness: 1.6mm

* NOTE: SEE PCB LAYOUT PAGE 1/3 FOR MISSING DIMENSIONS

RoHS Compliant				* NOTE: SEE PCB LAYOUT PAGE 1/3 FOR MISSING DIMENSIONS		
G				PROJECTION: 	GENERAL TOLERANCE .X = ± 0.2 .XX = ± 0.15	
F						
E						
D						
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: USB 3.0 VERTICAL
B					SCALE:	
A					SHEET: 3/3	WERI PART NO: 692121430000
REV	DATE	FILE	BY		DRAW: QL	

SIZE

A4

A

B

C

D