

RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS : 1.6 mm

#### TECHNICAL CHARACTERISTICS

**MATERIAL**  
INSULATOR: PBT  
FLAMMABILITY RATING: UL94-V0  
COLOR: WHITE  
CONTACT MATERIAL: COPPER ALLOY  
CONTACT TYPE: STAMPED  
CONTACT PLATING: SELECTIVE GOLD  
SHIELDING: BRASS Ni PLATED  
QUALITY CLASS: 1500 MATING CYCLES

**ENVIRONMENTAL**  
OPERATING TEMPERATURE: -40°C UP TO +105°C  
COMPLIANCE: LEAD FREE AND ROHS

**ELECTRICAL**  
CURRENT RATING: 1.5 A MAX  
WORKING VOLTAGE: 30 VAC  
INSULATOR RESISTANCE: >1000 MΩ  
DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC/MIN  
CONTACT RESISTANCE: 20 mΩ MAX

**STANDARD**  
UL CERTIFIED: E323964

**SOLDERING**  
JEDEC LEAD FREE WAVE SOLDERING

**PACKAGING**  
TRAY

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X =  $\pm 0.2$

.XX =  $\pm 0.15$



APPROVAL: NPr

UNIT: MM

SCALE:

SHEET: 1/3

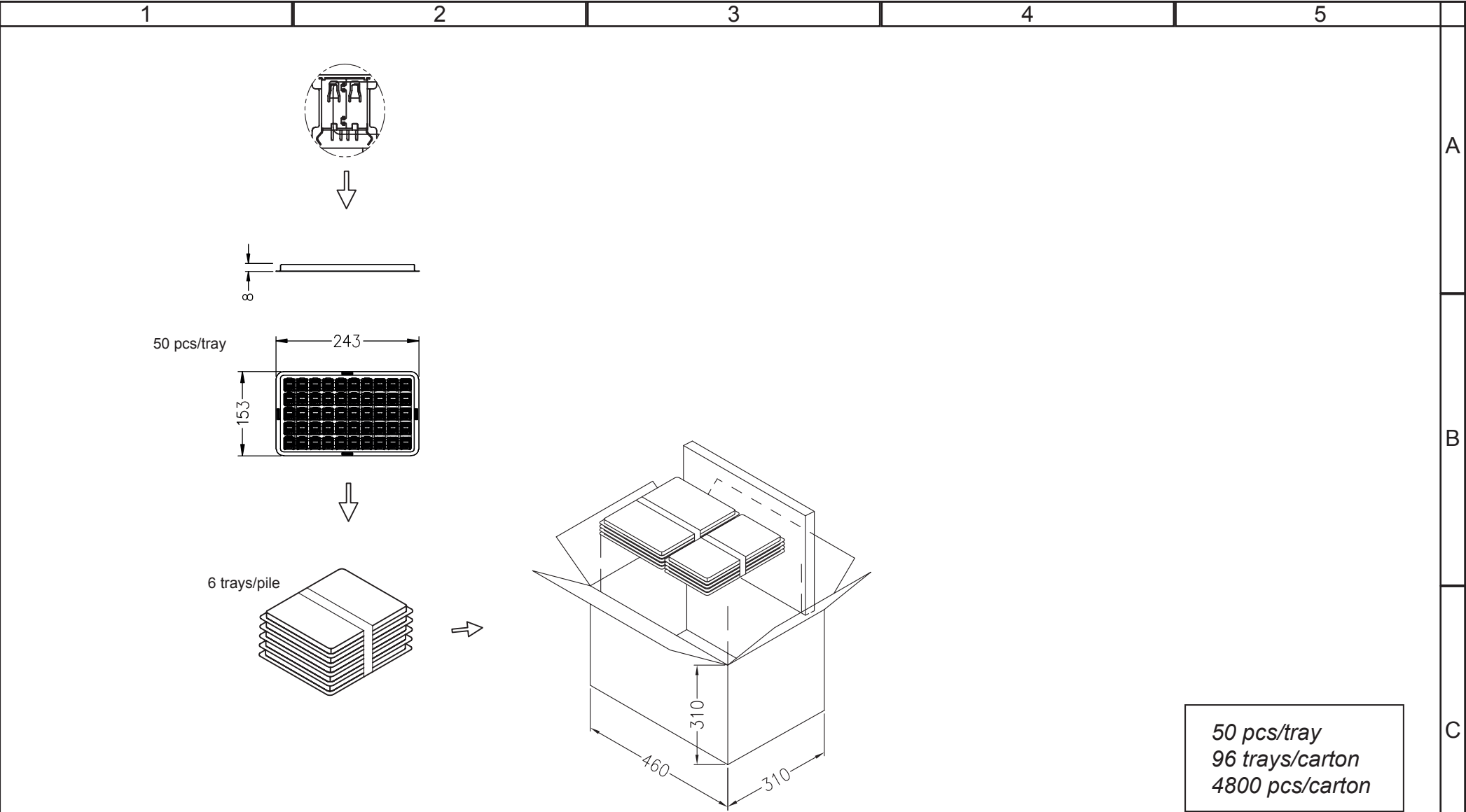
DRAW: QL



DESCRIPTION: USB 2.0 TYPE A VERTICAL

WERI PART NO: 614 004 135 023

SIZE

**A4**



RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = $\pm 0.2$ .XX = $\pm 0.15$	 WÜRTH ELEKTRONIK	
G							
F							
E							
D				APPROVAL: NPr	UNIT: MM	DESCRIPTION: USB 2.0 TYPE A VERTICAL	
C					SCALE:		
B					SHEET: 2/3		
A					DRAW: AK		
REV	DATE	FILE	BY			WERI PART NO: 614 004 135 023	SIZE <b>A4</b>

1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

RoHS Compliant

G

F

E

D

C

B

A

REV

10-SEP-14

DATE


PDF

FILE

QL

BY

PROJECTION:



APPROVAL: JC

GENERAL TOLERANCE

.X = +/- 0.2


.XX = +/- 0.15

UNIT: MM

SCALE:

SHEET: 3/3

DRAW: QL



DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE

A4

A

B

C

D

# Mouser Electronics

Authorized Distributor

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

[Würth Electronics:](#)

[614004135023](#)