

**TECHNICAL CHARACTERISTICS**

MATERIAL  
 INSULATOR: LCP  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: BLUE  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: UNDERPLATE 1.27 to 2.54 µm Ni  
 CONTACT AREA 0.76 µm Gold  
 SOLDER TAIL AREA 2.54 to 5.08 µm Matt Tin

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: 30 VAC  
 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC/MIN  
 INSULATION RESISTANCE: > 100 MΩ  
 CONTACT RESISTANCE:  
 - PIN 1 & PIN 4: 30 mΩ MAX  
 - OTHER PINS: 50 mΩ MAX

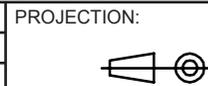
STANDARD  
 CERTIFIED: E323964

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING  
 TRAY

\* 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			
G			
F	14-MAR-17	PLATING UPDATE	AK
E	10-NOV-16	PCN	AK
D	24-NOV-15	UL CERTIFICATION	AK
C	27-OCT-14	GENERAL UPDATE	AS
B	01-APR-14	SOLDERING	QL
A	17-JUL-13	PDF	QL
REV	DATE	FILE	BY



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



APPROVAL: NPr

UNIT: MM  
 SCALE:  
 SHEET: 1/3  
 DRAW: AS

DESCRIPTION: WR-COM - USB 3.0 VERTICAL  
 WERI PART NO: 692 121 430 000

SIZE  
**A4**

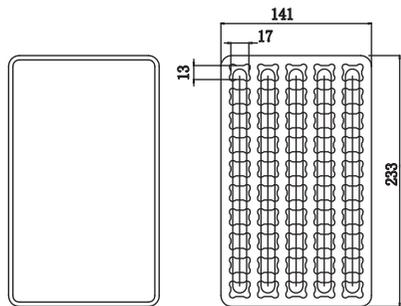
1

2

3

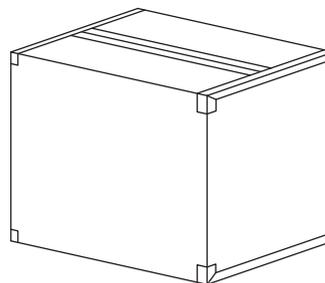
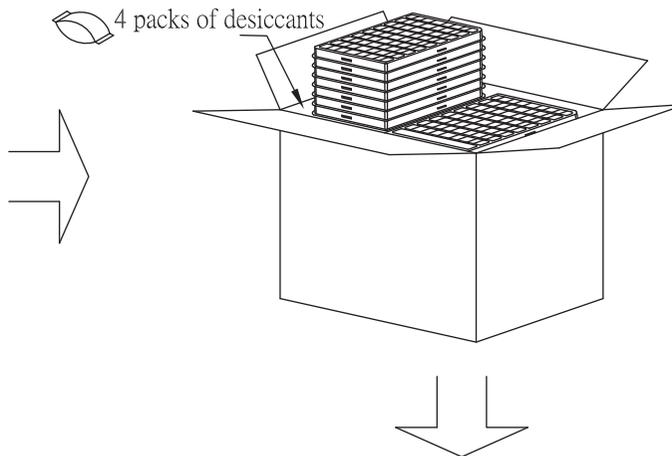
4

5



Top Tray

Bottom Tary



size : 355\*254\*222

50 pcs/tray  
 40 trays/carton  
 2000 pcs/carton

RoHS Compliant

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

PROJECTION:

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

DESCRIPTION: WR-COM - USB 3.0 VERTICAL

APPROVAL: NPr

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

WERI PART NO: 692 121 430 000

SIZE  
**A4**

A

B

C

D

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.

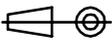
In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE <b>A4</b>
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 3/3	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D