

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 μ m Ni
 CONTACT AREA 0.76 μ m Gold
 SOLDER TAIL AREA 2.54 to 5.08 μ m 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 M Ω
 CONTACT RESISTANCE:
 - PIN 1 & PIN 4: 30 m Ω MAX
 - OTHER PINS: 50 m Ω 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				PROJECTION: 	GENERAL TOLERANCE .X = \pm 0.2 .XX = \pm 0.15	 WÜRTH ELEKTRONIK	DESCRIPTION: WR-COM - USB 3.0 VERTICAL	SIZE A4
G								
F	14-MAR-17	PLATING UPDATE	AK		SCALE:			
E	10-NOV-16	PCN	AK		SHEET: 1/3			
D	24-NOV-15	UL CERTIFICATION	AK		DRAW: AS			
C	27-OCT-14	GENERAL UPDATE	AS					
B	01-APR-14	SOLDERING	QL					
A	17-JUL-13	PDF	QL					
REV	DATE	FILE	BY					

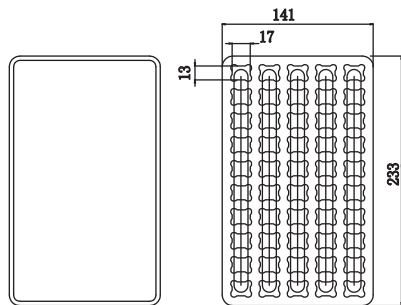
1

2

3

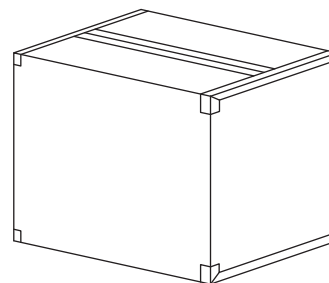
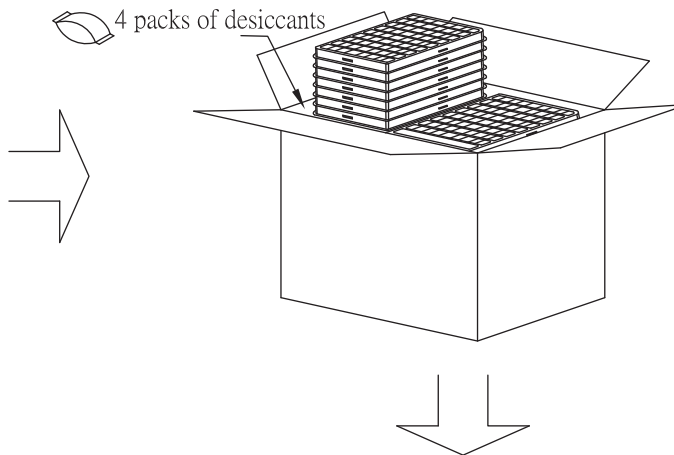
4

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



APPROVAL: NPr

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

DESCRIPTION: WR-COM - USB 3.0 VERTICAL
 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

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: JC

UNIT: MM

SCALE:

SHEET: 3/3

DRAW: QL



DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE

A4

D

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

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