

**TECHNICAL CHARACTERISTICS**

**MATERIAL**  
 INSULATOR: LCP  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: BLUE  
 CONTACT MATERIAL: PHOSPHOR BRONZE  
 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  
 SHIELDING: BRASS MATT TIN PLATED  
 QUALITY CLASS: 5000 MATING CYCLES

**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

**MECHANICAL**  
 INSERTION FORCE: 35.0N MAX  
 EXTRACTION FORCE: 10.0N MIN

**SOLDERING**  
 JEDEC LEAD FREE REFLOW & WAVE SOLDERING

**PACKAGING**  
 TAPE & REEL

\* 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: NPr						
I	17-JUL-17	SOLDERING	AK	UNIT: MM	DESCRIPTION: WR-COM - USB 3.0 REVERSE HORIZONTAL TYPE A WITH OFFSET 0.14 MM	SIZE <b>A4</b>
H	27-OCT-14	GENERAL UPDATE	AS	SCALE:		
REV	DATE	FILE	BY	SHEET: 1/3	WERI PART NO: 692 121 130 100	
				DRAW: AS		

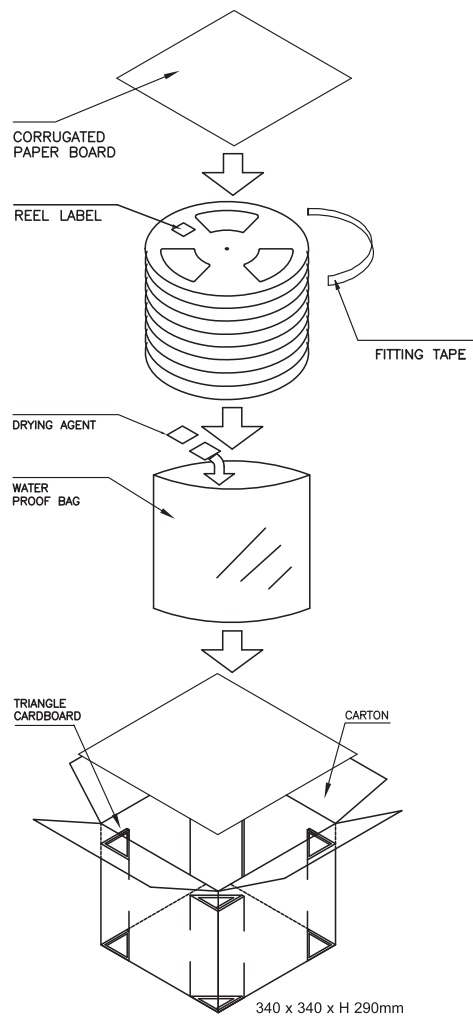
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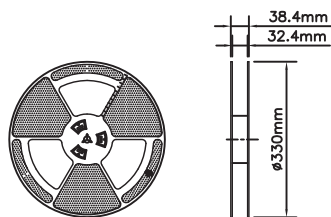
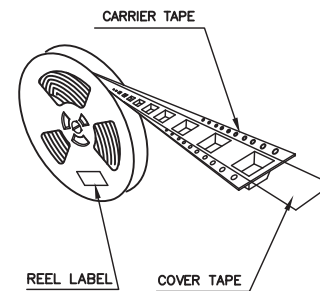
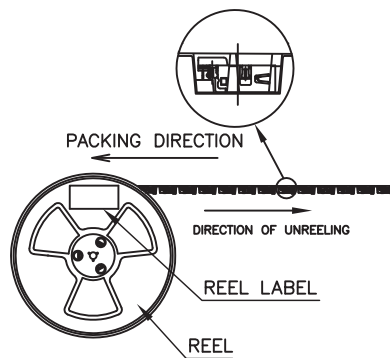
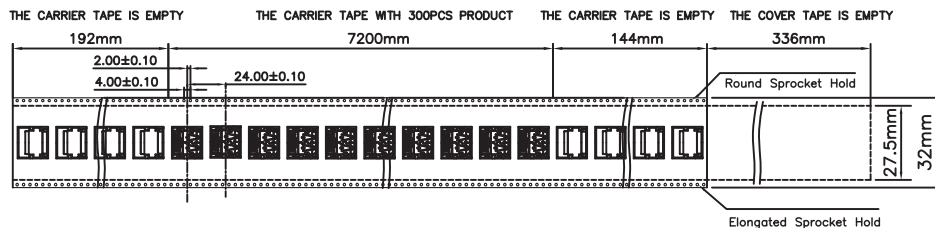
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4

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PACKING DIRECTION ←



NOTES  
 1. MATERIALS: PS ANTI STATIC  
 2. PACKING: TAPE REEL(400PCS/REEL, 2100PCS/CAR)  
 All Material in According With The RoHS Environ Related Substances List Controlled.

RoHS Compliant

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

PROJECTION:

GENERAL TOLERANCE  
 .X =  $\pm 0.2$   
 .XX =  $\pm 0.15$



APPROVAL: NPr

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

DESCRIPTION: WR-COM - USB 3.0 REVERSE HORIZONTAL TYPE A WITH OFFSET 0.14 MM  
 WERI PART NO: 692 121 130 100

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.

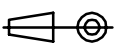

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

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

# Mouser Electronics

Authorized Distributor

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