

**TECHNICAL CHARACTERISTICS**

**MATERIAL**  
 INSULATOR: LCP  
 FLAMABILITY RATING: UL94-V0  
 COLOR: BLACK  
 CONTACT MATERIAL: PHOSPHOR BRONZE  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: UNDERPLATE 1.27 TO 2.54 μm Ni  
 CONTACT AREA 0.38 TO 0.76 μm GOLD  
 SOLDER TAIL AREA 2.54 TO 5.08 μm MATT TIN

SHIELDING: STEEL MATT TIN PLATED  
 QUALITY CLASS: 10000 MATING CYCLES

**ENVIRONMENTAL**  
 OPERATING TEMPERATURE: -20°C UP TO +85°C  
 COMPLIANCE: LEAD FREE & RoHS

**ELECTRICAL**  
 CURRENT RATING:  
 - PIN 1 & PIN 5 (Vbus & corresponding ground PIN) 1.8 A MAX  
 - OTHER PINS 0.25 A MIN  
 WORKING VOLTAGE: 30 VAC  
 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC/MIN  
 INSULATION RESISTANCE: > 100 MΩ  
 CONTACT RESISTANCE:  
 - PIN 1 & PIN 4: 30mΩ MAX  
 - OTHER PINS: 50mΩ MAX

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

**STANDARD**  
 CERTIFIED: E323964

**SOLDERING**  
 JEDEC LEAD FREE REFLOW SOLDERING

**PACKAGING**  
 TAPE & REEL

RoHS Compliant

H	11-DEC-14	DIMENSION	AS
REV	DATE	FILE	BY

PROJECTION:  


APPROVAL: NPr

GENERAL TOLERANCE  
 .X = +/- 0.3  
 .XX = +/- 0.20

UNIT: MM  
 SCALE:  
 SHEET: 1/4  
 DRAW: AS

  
**WÜRTH ELEKTRONIK**

DESCRIPTION: WR-COM - MICRO USB 3.0 HORIZONTAL SMT TYPE B

WERI PART NO: 692 622 030 100

SIZE  
**A4**

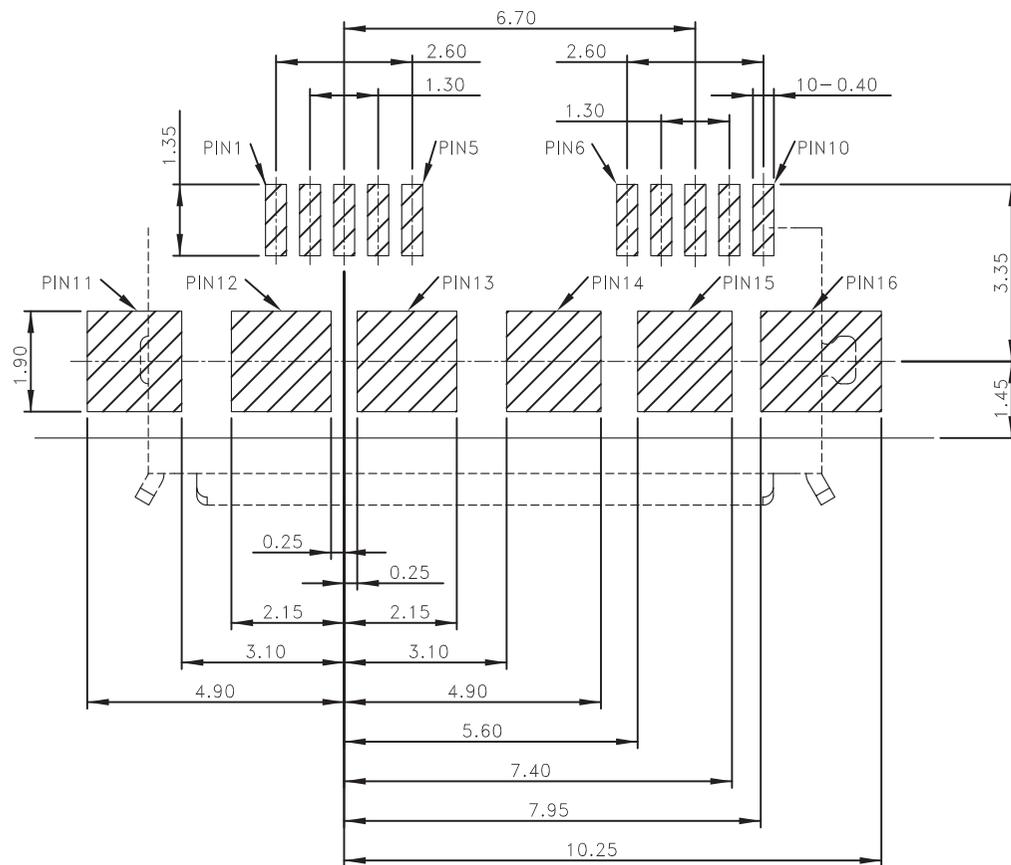
1

2

3

4

5



RECOMMENDED PCB LAYOUT - COMPONENT VIEW  
TOLERANCES ± 0.05 MM

RoHS Compliant

H	11-DEC-14	DIMENSION	AS
REV	DATE	FILE	BY

PROJECTION:

GENERAL TOLERANCE  
.X =  $\pm 0.3$   
.XX =  $\pm 0.20$

**WÜRTH ELEKTRONIK**

APPROVAL: NPr

UNIT: MM  
SCALE:  
SHEET: 2/4  
DRAW: AS

DESCRIPTION: WR-COM - MICRO USB 3.0 HORIZONTAL SMT TYPE B  
WERI PART NO: 692 622 030 100

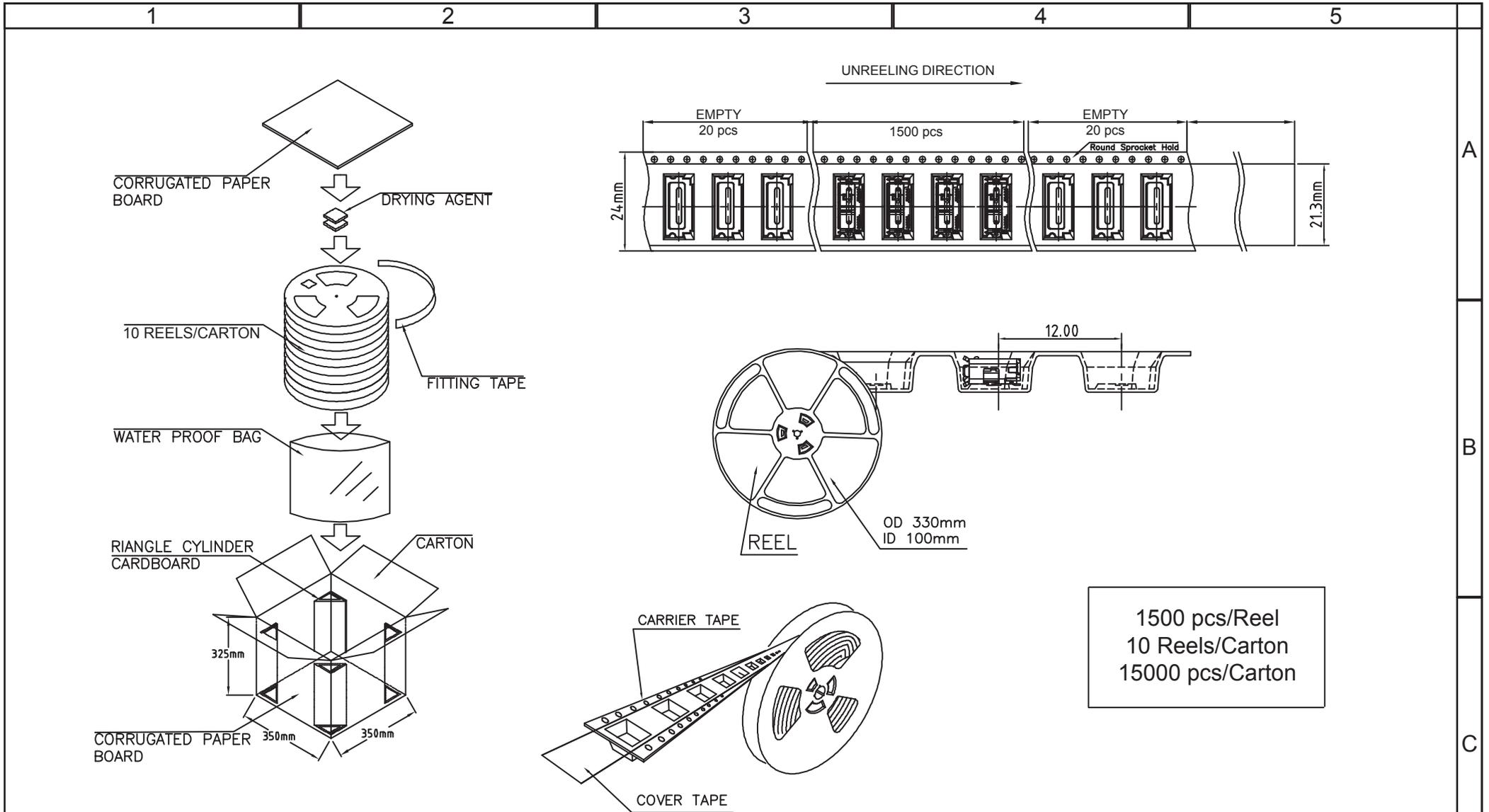
SIZE  
**A4**

A

B

C

D



RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	11-DEC-14	PDF	AS
REV	DATE	FILE	BY

PROJECTION:
APPROVAL: NPr

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15
UNIT: MM
SCALE:
SHEET: 3/4
DRAW: AS

DESCRIPTION: WR-COM - MICRO USB 3.0 HORIZONTAL SMT TYPE B	SIZE
WERI PART NO: 692 622 030 100	<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.

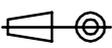
In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 <b>WÜRTH ELEKTRONIK</b>		DESCRIPTION: <b>DISCLAIMER</b>	SIZE <b>A4</b>
F									
E									
D									
C				APPROVAL: JC	UNIT: MM	<b>WERI PART NO: DISCLAIMER</b>			
B					SCALE:				
A	10-SEP-14	PDF	QL		SHEET: 4/4				
REV	DATE	FILE	BY		DRAW: QL				

D