

RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS : 1.2 mm

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PA 6T
FLAMMABILITY RATING: UL94-V0
COLOR: BLACK
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 +85°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 1.5 A
WORKING VOLTAGE: 30 VAC
INSULATION RESISTANCE: >100 MΩ
WITHSTANDING VOLTAGE: 500 VAC/MIN
CONTACT RESISTANCE: 30 mΩ MAX

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
TAPE & REEL WITH MYLAR

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C	09-AVR-15	PCB THICKNESS	QP				
B	27-OCT-14	REVIEW	QL	APPROVAL: NPr	UNIT: MM	DESCRIPTION: HORIZONTAL USB2.0 A TYPE THT SLIM TYPE	SIZE A4
A	23-JUL-14	PDF	AS		SCALE:		
REV	DATE	FILE	BY		SHEET: 1/3		
					DRAW: AS		

PROJECTION:

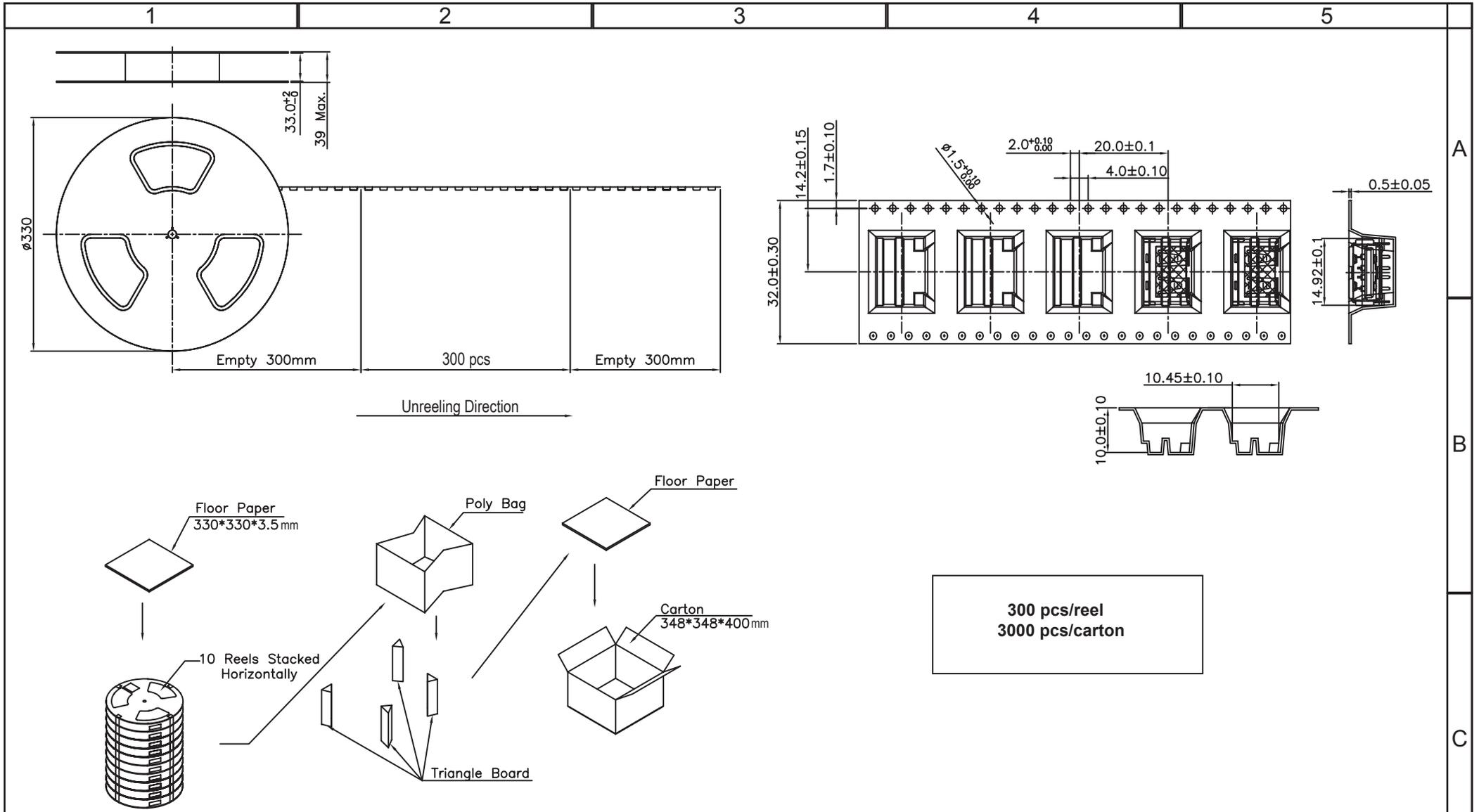
 GENERAL TOLERANCE
 .X = +/- 0.2
 .XX = +/- 0.15



DESCRIPTION: HORIZONTAL USB2.0 A TYPE THT SLIM TYPE

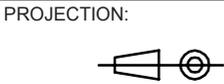
WERI PART NO: 614 104 150 121

SIZE
A4



300 pcs/reel
3000 pcs/carton

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	23-JUL-14	PDF	AS
REV	DATE	FILE	BY



APPROVAL: NPr

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

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



DESCRIPTION: HORIZONTAL USB2.0 A TYPE THT SLIM TYPE
WERI PART NO: 614 104 150 121

SIZE
A4

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 A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 3/3	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

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