

PCB LAYOUT - COMPONENT VIEW  
TOLERANCE: ±0.05mm

TECHNICAL CHARACTERISTICS

MATERIAL  
INSULATOR MATERIAL: LCP  
FLAMMABILITY RATING UL94-V0  
COLOUR: BLACK  
CONTACT MATERIAL: COPPER ALLOY  
CONTACT TYPE: STAMPED  
CONTACT PLATING: SELECTIVE GOLD  
SHIELDING: BRASS NI PLATED  
QUALITY CLASS: 10.000 MATING CYCLES

ENVIRONMENTAL  
OPERATING TEMPERATURE: -40 °C UP TO 105 °C  
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
CURRENT RATING:  
- PIN 1 & PIN 5 (Vbus & corresponding ground PIN) 1.8A MAX  
- OTHER PINS 1A MAX  
WORKING VOLTAGE: 30 V  
INSULATION RESISTANCE: >1000 MΩ  
DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC/MIN  
CONTACT RESISTANCE: 30 mΩ MAX

STANDARD  
Ⓜ CERTIFIED: E323964

SOLDERING  
JEDEC LEAD FREE REFLOW SOLDERING

PACKAGING  
TAPE AND REEL

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/-.0.2

.XX = +/-.0.15



APPROVAL: NPr

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: AS

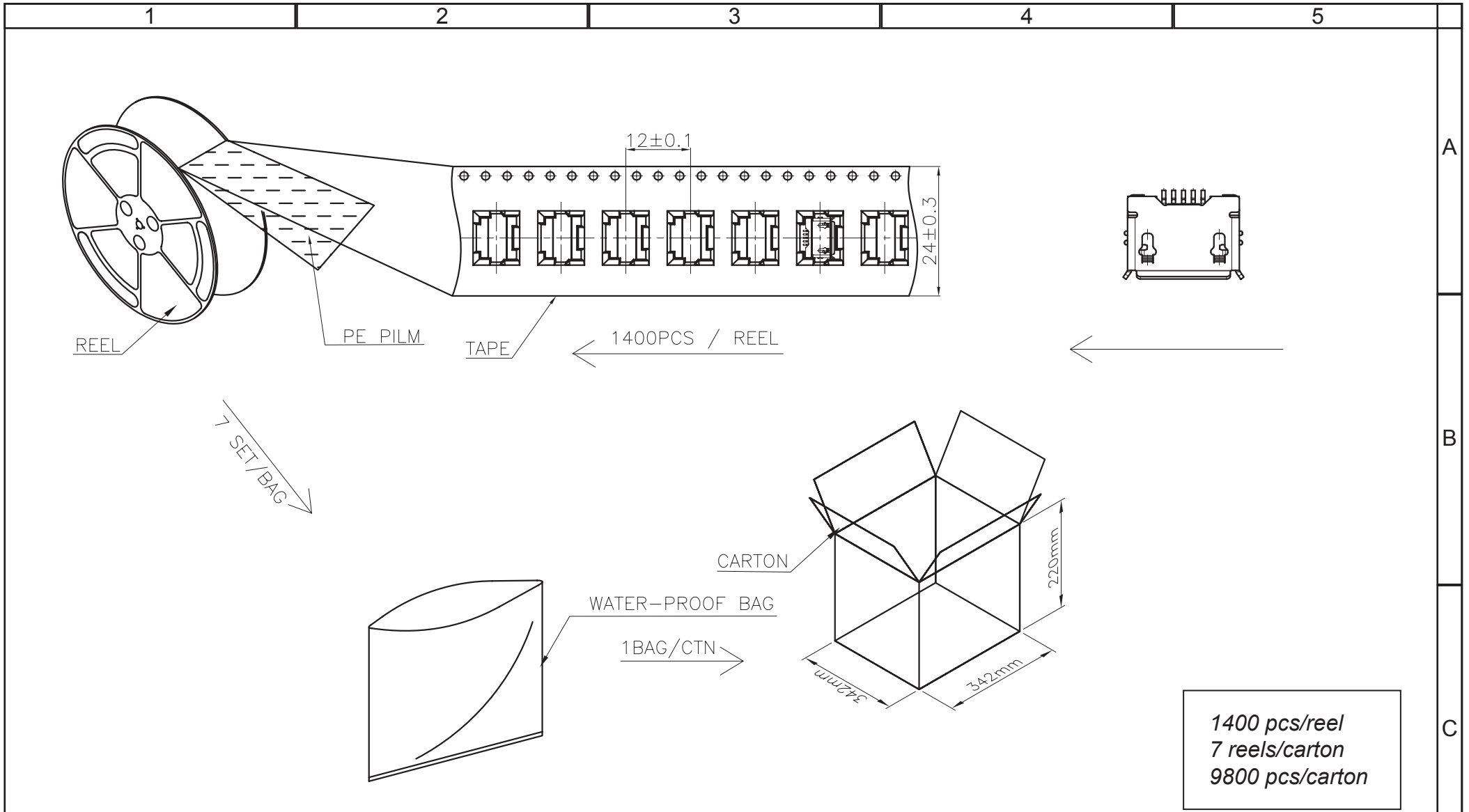
DESCRIPTION: MICRO USB 2.0 SMT TYPE B 5 CONTACTS - WR-COM

WERI PART NO: 629 105 136 821

SIZE

**A4**

REV	DATE	FILE	BY
O	31-OCT-14	GENERAL UPDATE	AS
P	31-JUL-15	GENERAL UPDATE	AK



RoHS Compliant				PROJECTION:	GENERAL TOLERANCE		DESCRIPTION: MICRO USB 2.0 SMT TYPE B 5 CONTACTS - WR-COM WERI PART NO: 629105136821	SIZE <b>A4</b>
					.X = +/- 0.2 .XX = +/- 0.15			
				APPROVAL: NPr	UNIT: MM			
					SCALE:			
					SHEET: 2/3			
REV	DATE	FILE	BY		DRAW: AS			

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## 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.

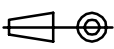

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

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		

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