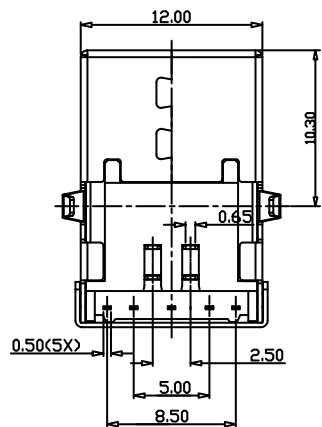
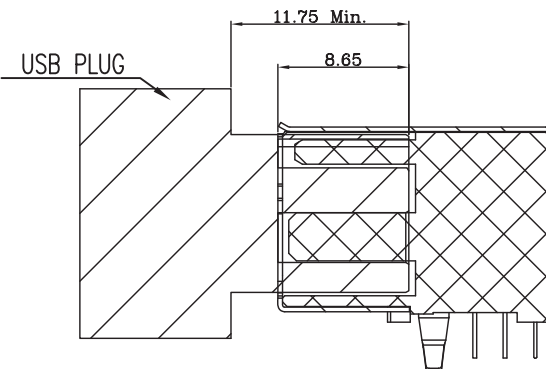


PCB LAYOUT * - COMPONENT VIEW



Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdB_SSTX-
6	StdB_SSTX+
7	GND_DRAIN
8	StdB_SSRX-
9	StdB_SSRX+
Shell	Shield



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 Ni 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

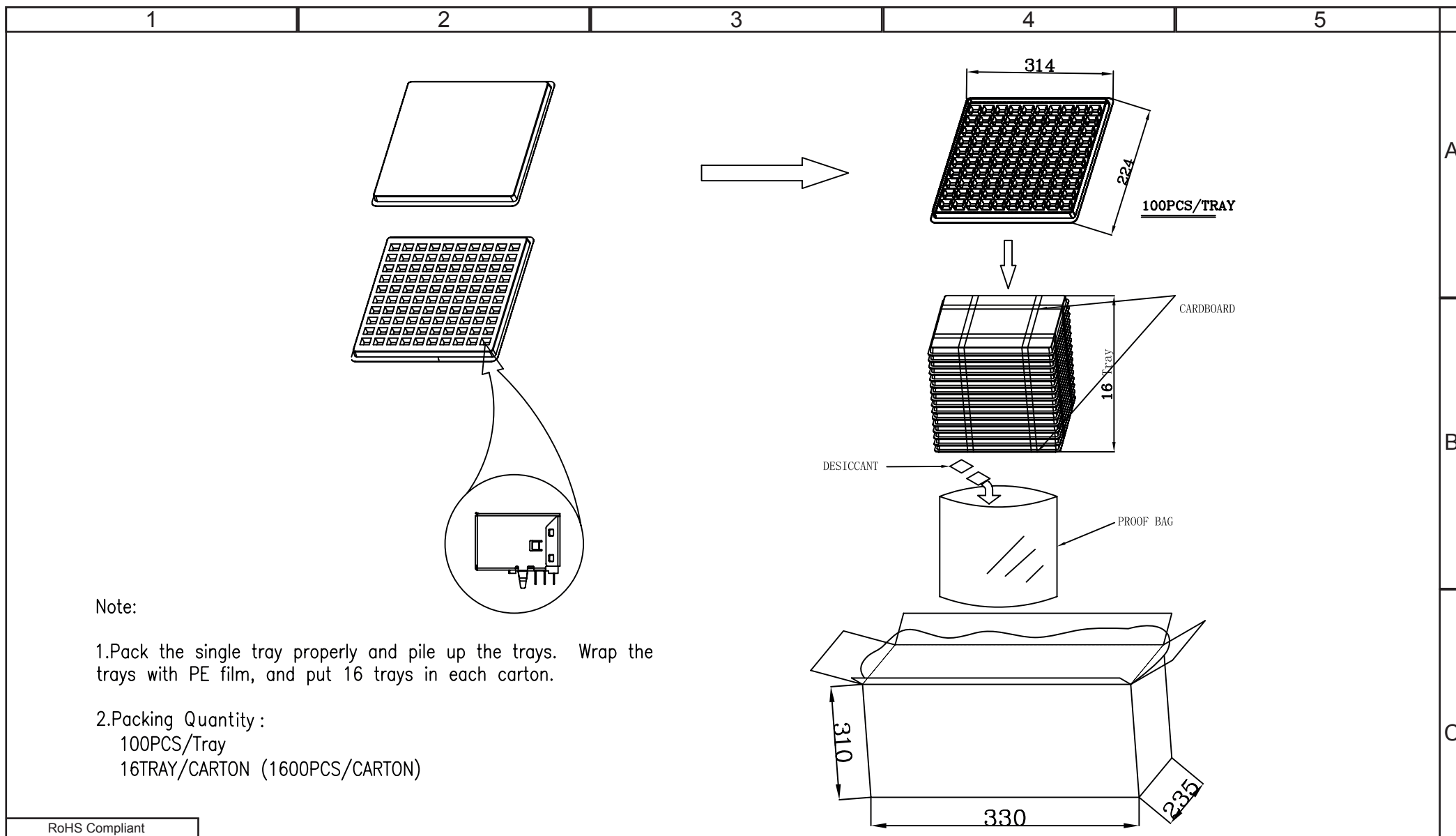
MECHANICAL
INSERTION FORCE: 35.0N MAX
EXTRACTION FORCE: 10.0N MIN




SOLDERING
JEDEC LEAD FREE 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 = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK	DESCRIPTION: WR-COM - USB 3.0 HORIZONTAL TYPE B	SIZE A4
I	19-NOV-14	SIGNAL NAME	AS	APPROVAL: NPr	UNIT: MM		WERI PART NO: 692 221 030 100	
H	27-OCT-14	GENERAL UPDATE	AS		SCALE:			
REV	DATE	FILE	BY		SHEET: 1/2			
					DRAW: AS			



RoHS Compliant				330					
				PROJECTION:	GENERAL TOLERANCE	 WÜRTH ELEKTRONIK			
					.X = \pm 0.2				
					.XX = \pm 0.15				
				APPROVAL: NPr	UNIT: MM	DESCRIPTION: WR-COM - USB 3.0 HORIZONTAL TYPE B			SIZE
					SCALE:				
					SHEET: 2/3	WERI PART NO: 692 221 030 100			A4
					DRAW: AS				
REV	DATE	FILE	BY						

