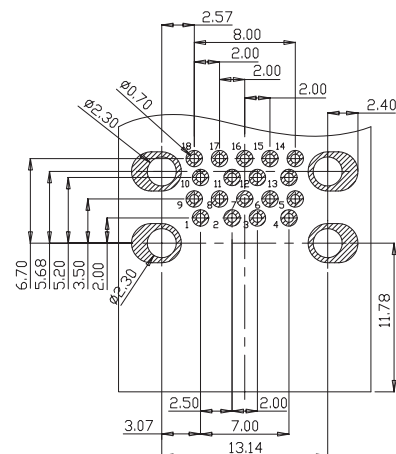
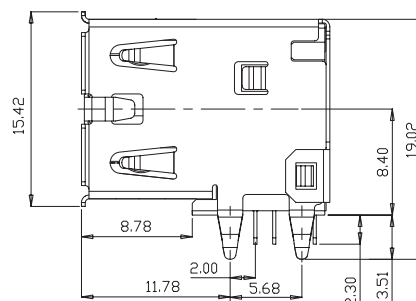
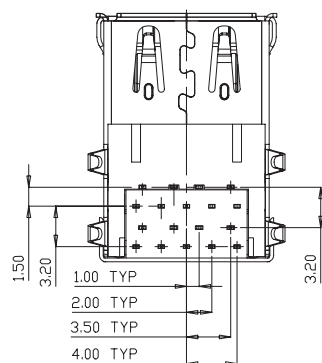
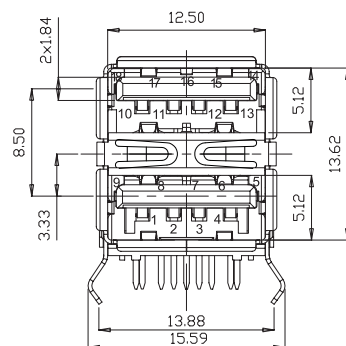
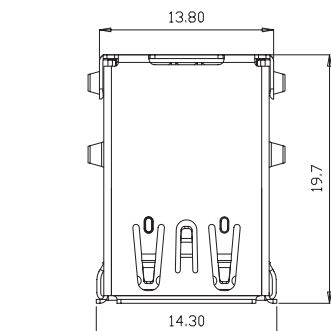




PCB LAYOUT * - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL

INSULATOR: LCP

FLAMABILITY RATING: UL94-V0

COLOR: BLUE

CONTACT MATERIAL: PHOSPHORE 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

ENVIRONMENTAL

OPERATING TEMPERATURE: -20 up to +85°C

COMPLIANCE: RoHS & LEAD FREE AS PER DIRECTIVE 2002/95/EC

HALOGEN FREE COMPLIANT AS PER IEC 61249-2-21

ELECTRICAL

CURRENT RATING:

- PIN 1 & PIN 4 (Vbus & corresponding ground PIN) 1.8A Max

- OTHER PINS 0.25 A Max

WORKING VOLTAGE: 30Vac

DIELECTRIC WITHSTANDING

INSULATION RESISTANCE: > 100MΩ

CONTACT RESISTANCE:

- PIN 1 & PIN 4: 30mΩ Max

- OTHER PINS: 50mΩ Max

STANDARD

UL CERTIFIED: E323964 / MODEL NUMBER 692141030100

MECHANICAL

INSERTION FORCE: 35.0N Max

EXTRACTION FORCE: 10.0N min

QUALITY CLASS: 5000 MATING CYCLES

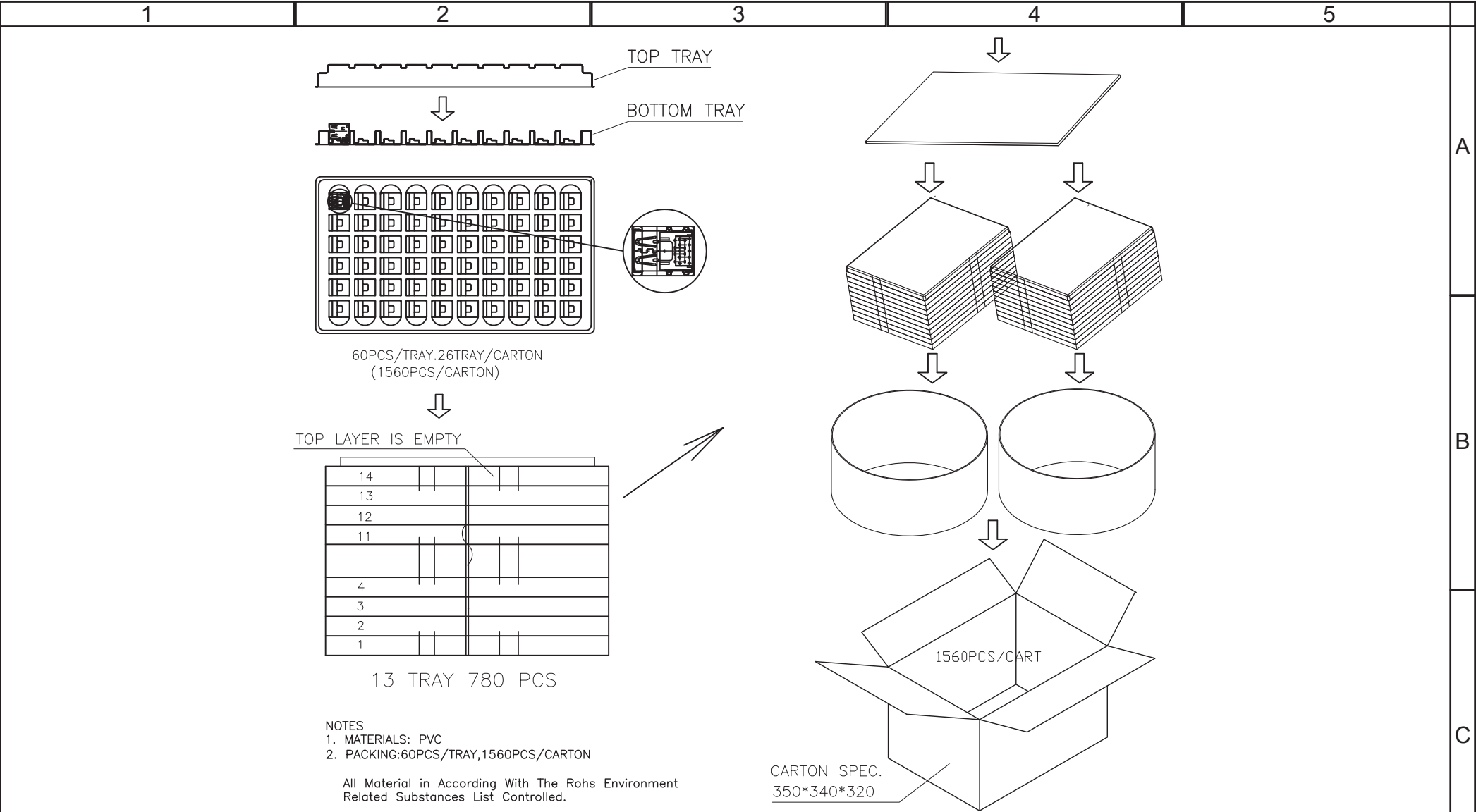
SOLDERING

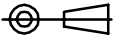
WAVE PROCESS AS PER JEDEC J-STD-020D

PACKAGING

TRAY

RoHS Compliant				* 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 CARFULLY.									
G	01-APR-14	SOLDERING	QL	PROJECTION: 	GENERAL TOLERANCE .X = $\pm$ 0.2 .XX = $\pm$ 0.15								
F	12-AUG-13	CHARACTERISTIC	QL										
E	08-DEC-11	PINNING	GG										
D	09-NOV-11	STENCIL	GG										
C	21-SEP-11	NOTE	GG	APPROVAL: RJ	UNIT: MM		DESCRIPTION: USB 3.0 STACKED TYPE A				SIZE		
B	10-MAY-11	UL	GG		SCALE:								
A	04-AUG-10	PDF	JP		SHEET: 1/3		WERI PART NO: 692 141 030 100						
REV	DATE	FILE	BY		DRAW: JOE								
											A4		



RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK	DESCRIPTION: USB 3.0 STACKED TYPE A	SIZE A4
G								
F								
E								
D								
C				APPROVAL: RJ	UNIT: MM	WERI PART NO: 692 141 030 100		
B					SCALE:			
A	02-APR-10	PROVISOIRE SHEET	JP		SHEET: 2/3			
REV	DATE	FILE	BY		DRAW: JOE			