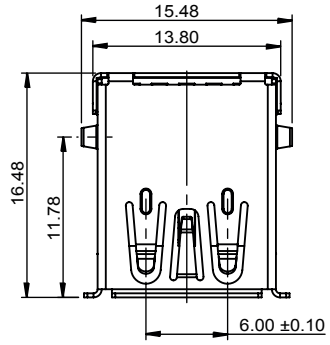
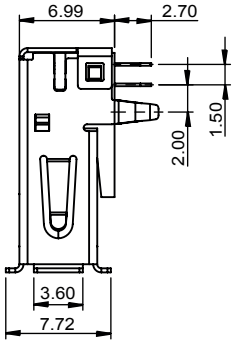
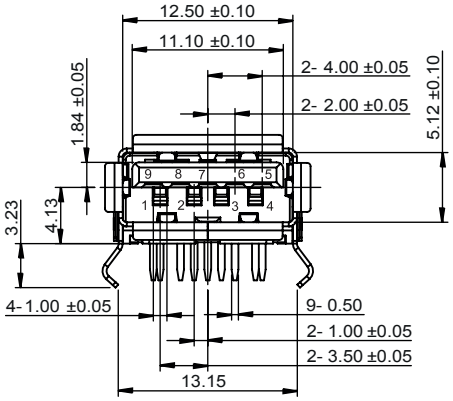
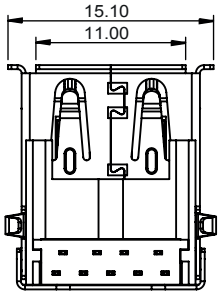
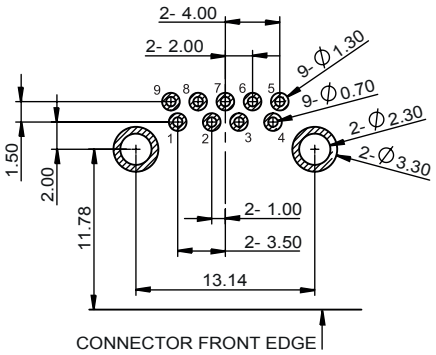










PCB LAYOUT * - COMPONENT VIEW

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 min
WORKING VOLTAGE: 30Vac
DIELECTRIC WITHSTANDING VOLTAGE: 100Vac/min
INSULATION RESISTANCE: > 100MΩ
CONTACT RESISTANCE:
- PIN 1 & PIN 4: 30mΩ Max
- OTHER PINS: 50mΩ Max
IMPEDANCE: 90Ω +/- 15Ω @ 50ps RISE TIME (20~80%)

STANDARD
CERTIFIED: E323964 / MODEL NUMBER 692121030100

MECHANICAL
INSERTION FORCE: 35.0N Max
EXTRACTION FORCE: 10.0N min
QUALITY CLASS: 5000 MATING CYCLES

SOLDERING
WAVE & REFLOW PROCESS AS PER JEDEC J-STD-020D

PACKAGING
TAPE & REEL

* 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.

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C	21-SEP-11	NOTE	GG
B	10-MAY-11	UL	GG
A	04-AUG-10	PDF	JP

PROJECTION:

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

APPROVAL: RJ

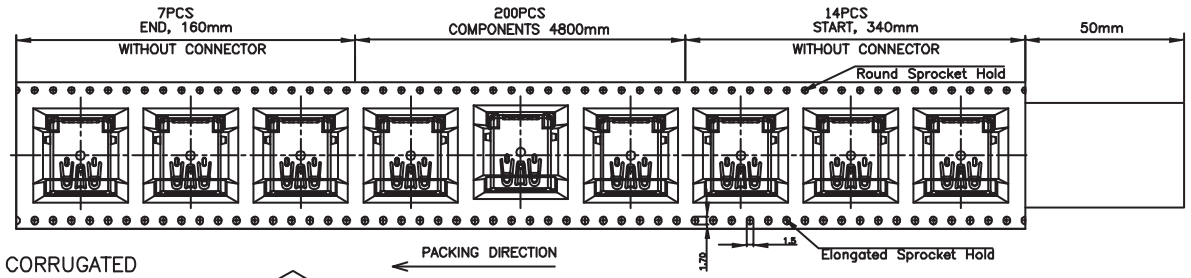
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SCALE:
SHEET: 1/2
DRAW: JOE

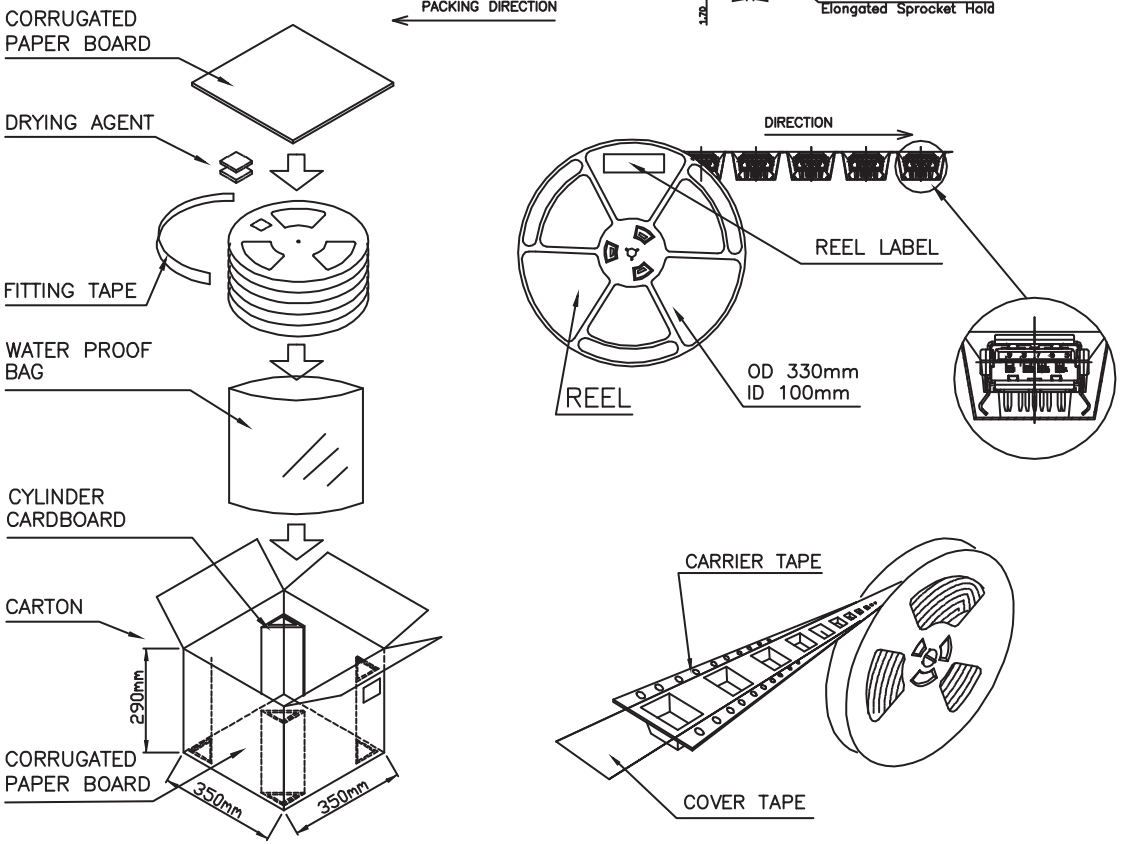
WÜRTH ELEKTRONIK

DESCRIPTION: USB 3.0 HORIZONTAL TYPE A

WERI PART NO: 692 121 030 100

SIZE
A4





NOTES
1. MATERIALS: PS
2. 1000PCS/CARTON
3. RoHS
   All Material in According With The Rohs Environment Related Substances List Controlled.
4. PART NO.

Packing SPEC
1. Fill in a corrugated paper board
2. Put 5 reels of products into water proof bag, with 2pcs of drying agent.
3. Make all reel label side up.
4. The upper formation puts corrugated
5. As the indication sticking the label at the certain place of carton.

RoHS Compliant							
G				PROJECTION:	GENERAL TOLERANCE	WÜRTH ELEKTRONIK	
F					.X = +/_ 0.2		
E					.XX = +/_ 0.15		
D							
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: USB 3.0 HORIZONTAL TYPE A	SIZE
B					SCALE:		A4
A					SHEET: 2/2	WERI PART NO: 692 121 030 100	
REV	DATE	FILE	BY		DRAW: JOE		