

**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%)

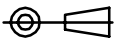

**STANDARD**  
 CERTIFIED: E323964 / MODEL NUMBER 692121130100

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

**SOLDERING**  
 REFLOW PROCESS ONLY 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 CAREFULLY.

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		DESCRIPTION: USB 3.0 REVERSE HORIZONTAL TYPE A WITH OFFSET 0.14 MM	SIZE <b>A4</b>
G								
F								
E								
D								
C	21-SEP-11	NOTE	GG	APPROVAL: RJ	UNIT: MM	WERI PART NO: 692 121 130 100		
B	10-MAY-11	UL	GG		SCALE:			
A	04-AUG-10	PDF	JP		SHEET: 1/2			
REV	DATE	FILE	BY		DRAW: JOE			

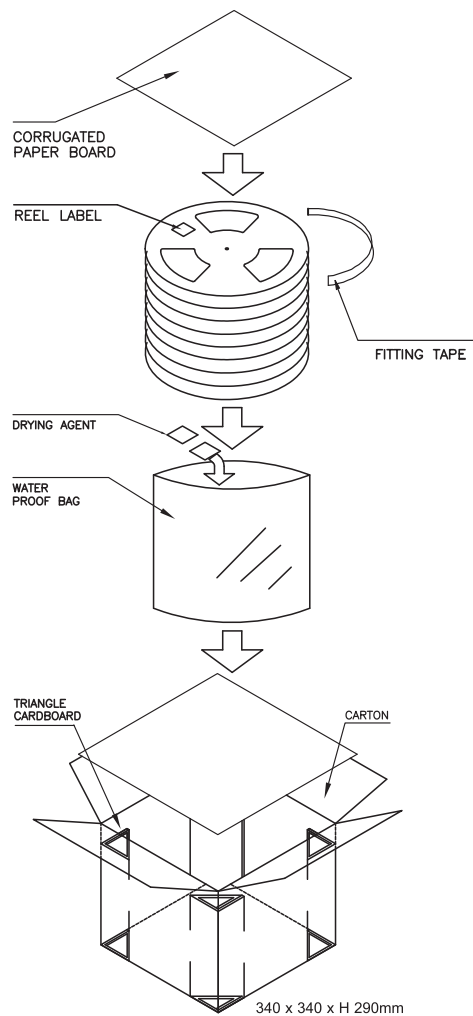
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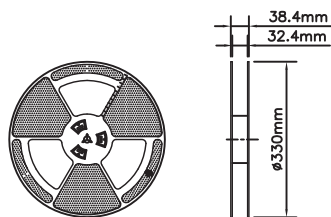
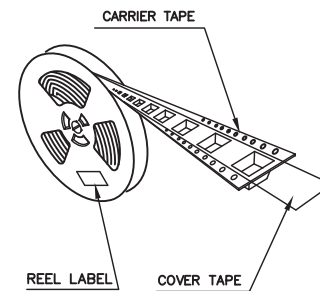
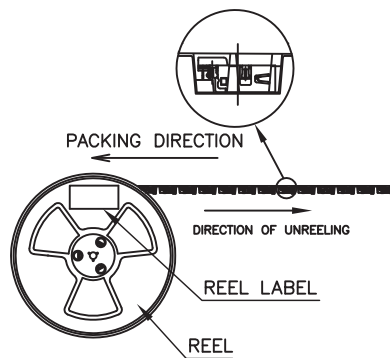
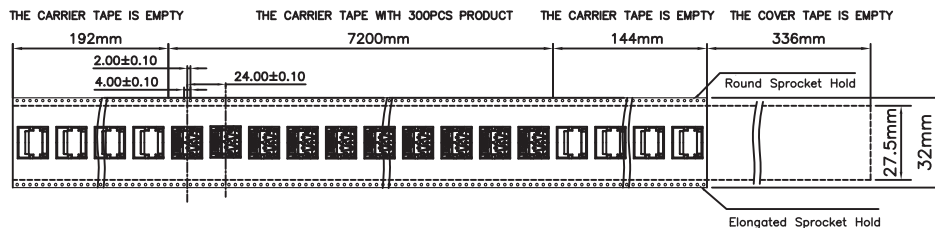
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4

5



PACKING DIRECTION

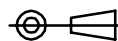


NOTES

- 1. MATERIALS: PS ANTI STATIC
  - 2. PACKING: TAPE REEL(400PCS/REEL, 2100PCS/CAR)
- All Material in According With The RoHS Environ Related Substances List Controlled.

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

PROJECTION:



GENERAL TOLERANCE

.X =  $\pm 0.2$   
.XX =  $\pm 0.15$



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 2/2

DRAW: JOE

DESCRIPTION: USB 3.0 REVERSE HORIZONTAL TYPE A WITH OFFSET 0.14 MM

WERI PART NO: 692 121 130 100

SIZE

**A4**