

CONNECTOR EDGE
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%)

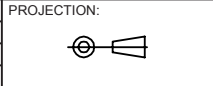
MECHANICAL
INSERTION FORCE: 35.0N Max
EXTRACTION FORCE: 10.0N min
QUALITY CLASS: 5000 MATING CYCLES

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

PACKAGING
TAPE & REEL

RoHS Compliant

G			
F			
E			
D			
C			
B			
A	04-AUG-10	PDF	JP
REV	DATE	FILE	BY



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

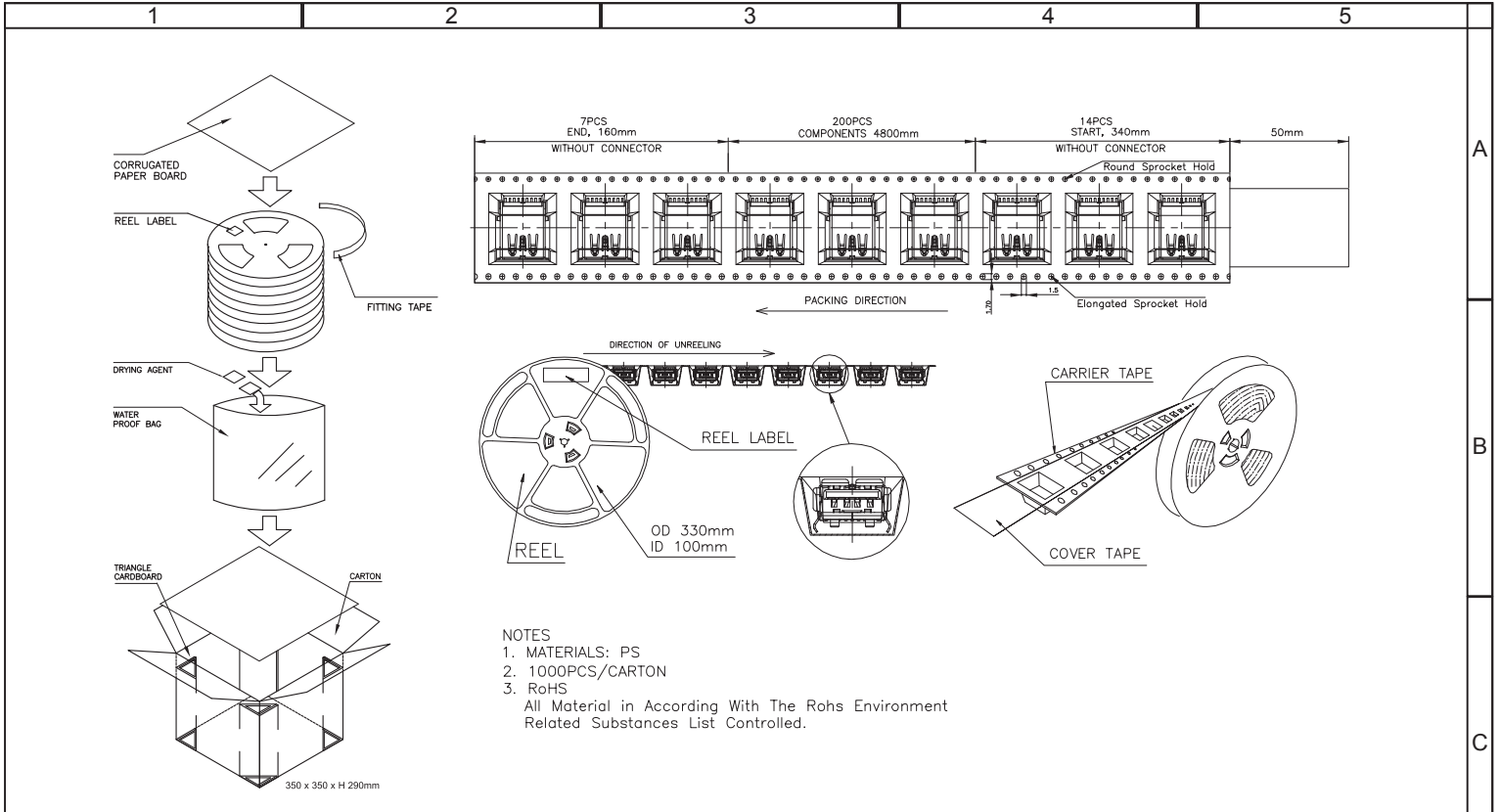




APPROVAL: RJ

UNIT: MM
SCALE:
SHEET: 1/2
DRAW: JOE

DESCRIPTION: USB 3.0 HORIZONTAL TYPE A
WERI PART NO: 692 122 030 100

SIZE
A4



RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = + $\frac{1}{2}$ 0.2 .XX = + $\frac{1}{2}$ 0.15		DESCRIPTION: USB 3.0 HORIZONTAL TYPE A	SIZE A4
G								
F								
E								
D								
C				APPROVAL: RJ	UNIT: MM	WERI PART NO: 692 122 030 100		
B					SCALE:			
A					SHEET: 1/2			
REV	DATE	FILE	BY		DRAW: JOE			