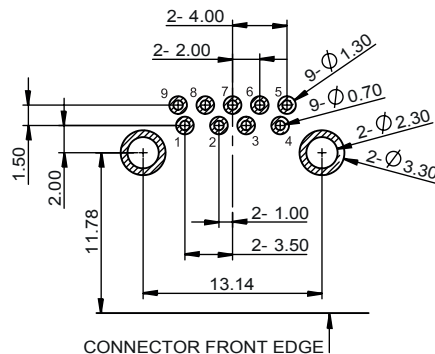
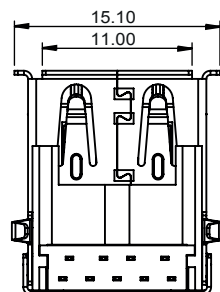
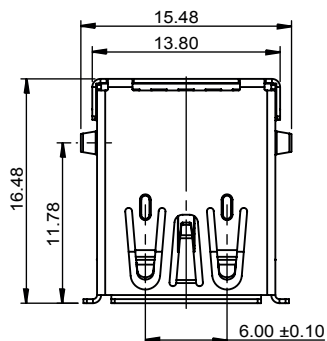
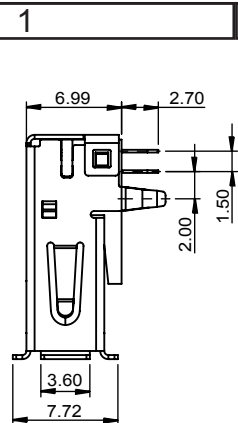




PCB LAYOUT * - COMPONENT VIEW
TOLERANCE ± 0.05 MM

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: LCP
FLAMMABILITY RATING: UL94-V0
COLOR: BLUE
CONTACT MATERIAL: PHOSPHOR BRONZE
CONTACT TYPE: STAMPED
CONTACT PLATING: UNDERPLATE Nickel
CONTACT AREA Pd-Ni + Gold
SOLDER TAIL AREA Matt Tin
SHIELDING: BRASS MATT TIN PLATED
QUALITY CLASS: 5000 MATING CYCLES

ENVIRONMENTAL
OPERATING TEMPERATURE: -20°C up to +85°C
COMPLIANCE: LEAD FREE & RoHS

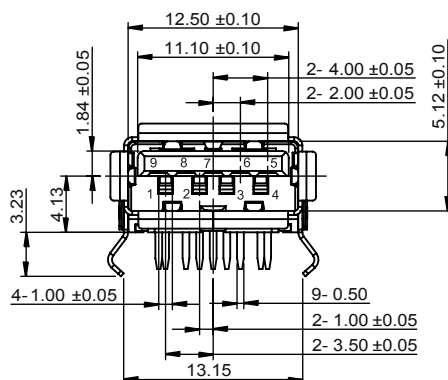
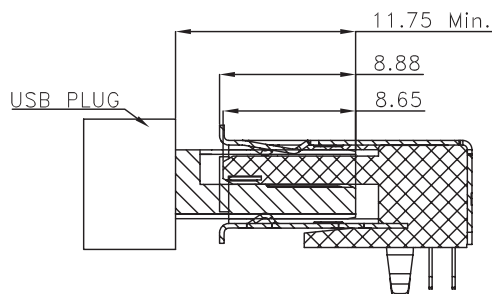
ELECTRICAL
CURRENT RATING:
- PIN 1 & PIN 4 (Vbus & corresponding ground PIN) 1.8A MAX
- OTHER PINS 0.25 A MAX
WORKING VOLTAGE: 30 VAC
DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC/MIN
INSULATION RESISTANCE: > 100 MΩ
CONTACT RESISTANCE:
- PIN 1 & PIN 4: 30 mΩ MAX
- OTHER PINS: 50 mΩ MAX

STANDARD
CERTIFIED: E323964

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

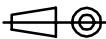
SOLDERING
JEDEC LEAD FREE WAVE SOLDERING

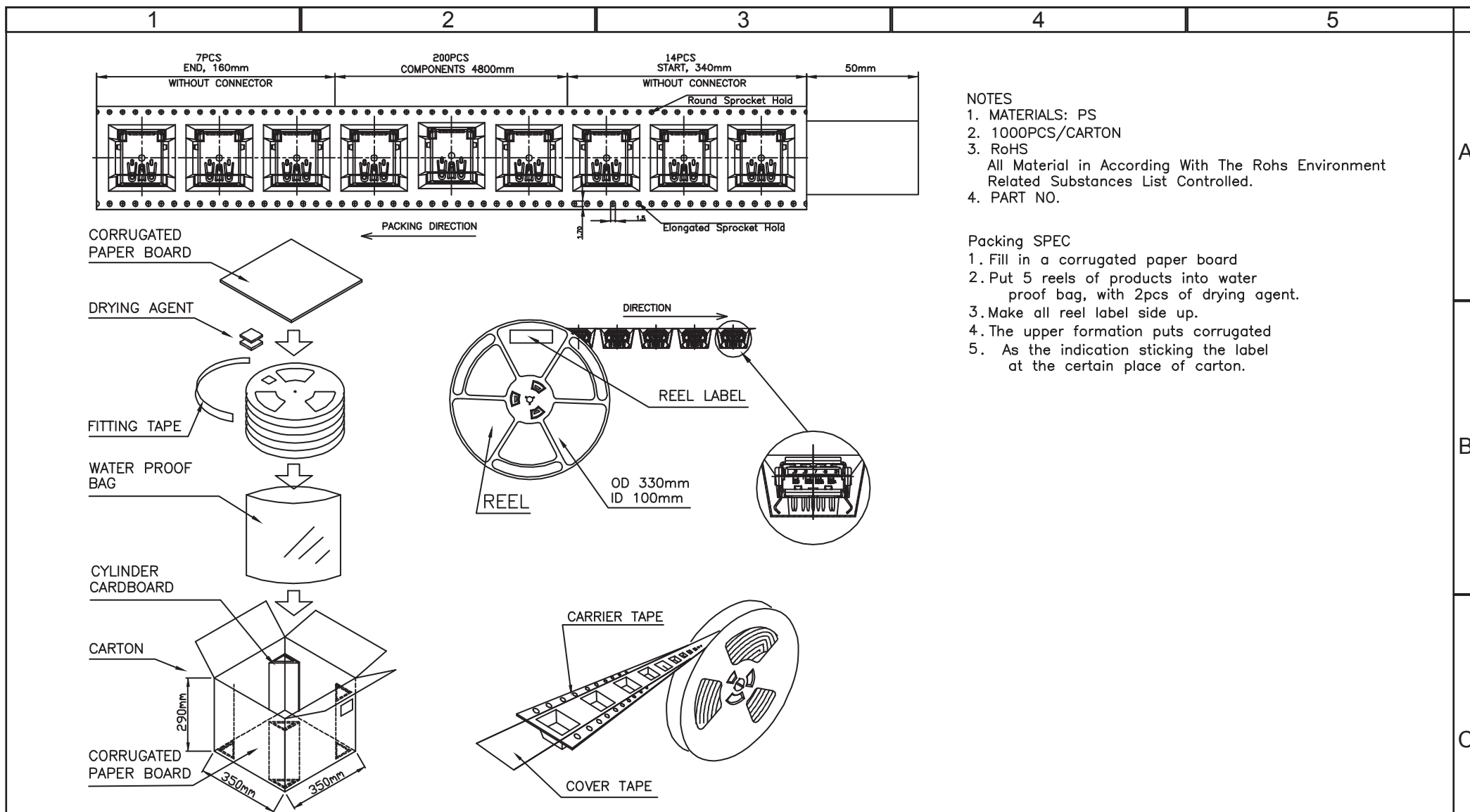
PACKAGING
TAPE & REEL



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

* 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		
				APPROVAL: NPr	UNIT: MM	DESCRIPTION: WR-COM - USB 3.0 HORIZONTAL TYPE A	SIZE A4
I	27-OCT-14	GENERAL UPDATE	AS		SCALE:		
H	01-APR-14	SOLDERING	QL		SHEET: 1/3	WERI PART NO: 692 121 030 100	
REV	DATE	FILE	BY		DRAW: AS		



RoHS Compliant							
G				PROJECTION:	GENERAL TOLERANCE .X = $\pm$ 0.2 .XX = $\pm$ 0.15		
F							
E							
D							
C							
B				APPROVAL: NPr	UNIT: MM	DESCRIPTION: WR-COM - USB 3.0 HORIZONTAL TYPE A	SIZE A4
A					SCALE:		
REV	DATE	FILE	BY		SHEET: 2/3	WERI PART NO: 692 121 030 100	
					DRAW: AS		

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