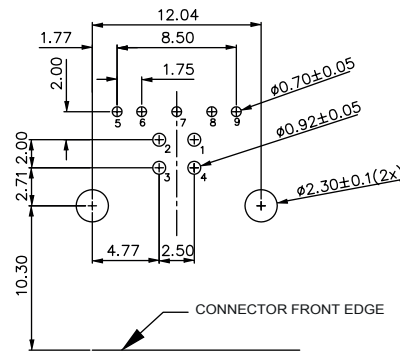


SECTION A - A



PCB LAYOUT \* - COMPONENT VIEW

Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdB_SSTX-
6	StdB_SSTX+
7	GND_DRAIN
8	StdB_SSRX-
9	StdB_SSRX+
Shell	Shield

#### TECHNICAL CHARACTERISTICS

MATERIAL  
INSULATOR: PBT  
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 Ni 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 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%)

QUALITY CLASS: 5000 MATING CYCLES

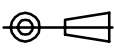

STANDARD  
CERTIFIED: E323964 / MODEL NUMBER 692221030100

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

SOLDERING  
WAVE SOLDERING ONLY AS PER JEDEC J-STD-020D

PACKAGING  
TRAY

\* 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 HORIZONTAL TYPE B	SIZE <b>A4</b>
G								
F								
E								
D	04-NOV-11	INSULATOR	GG					
C	21-SEP-11	NOTE	GG	APPROVAL: RJ	UNIT: MM	WERI PART NO: 692 221 030 100		
B	10-MAY-11	UL	GG		SCALE:			
A	30-SEP-10	PDF	JP		SHEET: 1/1			
REV	DATE	FILE	BY		DRAW: JOE			