

PCB LAYOUT * - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL

INSULATOR: LCP
 FLAMABILITY RATING: UL94-V0
 COLOR: BLUE
 CONTACT MATERIAL: PHOSPHOR 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 Max

WORKING VOLTAGE: 30Vac

DIELECTRIC WITHSTANDING VOLTAGE: 100Vac/min

INSULATION RESISTANCE: > 100MΩ

CONTACT RESISTANCE:

- PIN 1 & PIN 4: 30mΩ Max

- OTHER PINS: 50mΩ Max



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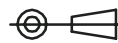
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UT IT IMPLIES INSERTION FORCE THAT A LOT OF PICK AND PLACE MACHINES ARE NOT ABLE TO HANDLE. THEREFORE IT MIGHT BE NECESSARY TO

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15

APPROVAL: RJ

UNIT: MM

SCALE:

DRAW: JOE

DESCRIPTION: USB 3.0 HORIZONTAL TYPE A

SIZE

A4