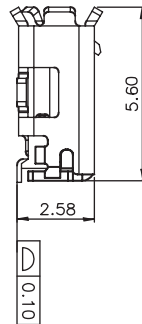
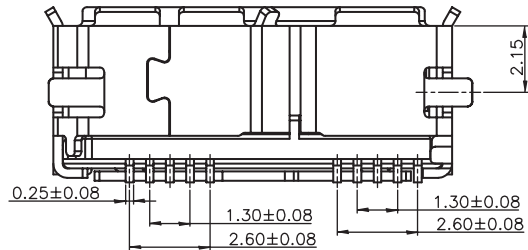


PCB LAYOUT - COMPONENT VIEW



TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: LCP
 FLAMABILITY RATING: UL94-V0
 COLOR: BLACK
 CONTACT MATERIAL: PHOSPHORE BRONZE
 CONTACT TYPE: STAMPED
 CONTACT PLATING: UNDERPLATE 1.27 to 2.54 µm Ni
 CONTACT AREA 0.38 to 0.76 µm Gold
 SOLDER TAIL AREA 2.54 to 5.08 µm Matt Tin
 SHIELDING: STEEL 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

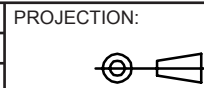
ELECTRICAL
 CURRENT RATING:
 - PIN 1 & PIN 4 (Vbus & corresponding ground PIN) 1.8A Max
 - OTHER PINS 0.25 A min
 WORKING VOLTAGE: 30Vac
 DIELECTRIC WITHSTANDING VOLTAGE: 100Vac/min
 INSULATION RESISTANCE: > 100MΩ
 CONTACT RESISTANCE:
 - PIN 1 & PIN 4: 30mΩ Max
 - OTHER PINS: 50mΩ Max
 IMPEDANCE: 90Ω +/- 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	26-APR-11	PACKAGING	GG
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: MICRO USB 3.0 VERTICAL SMT TYPE B
 WERI PART NO: 692 622 030 100

SIZE
A4