



**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 +/- 15% @ 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

PROJECTION:	GENERAL TOLERANCE
	.X = +/- 0.2
	.XX = +/- 0.15
APPROVAL: RJ	UNIT: MM
	SCALE:
	SHEET: 1/1
	DRAW: JOE



DESCRIPTION: MICRO USB 3.0 VERTICAL SMT TYPE B	SIZE
WERI PART NO: 692 622 030 100	<b>A4</b>