



PIN ASSIGNMENTS

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

THICKNESS: 1.6±0.10MM, DEFAULT TOLERANCE: ±0.005

- NOTE:
- 1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
2-1.CONTACTS:
IN 50μ" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
- 2-2.FRONT SHELL:
SEE TABLE 1.
 - 2-3.SHIELD PLATE&MID PLATE:
CLEAR ONLY
 - 3.MECHANICAL PERFORMANCE:
3-1.INSERTION FORCE: 0.5~2.0kgf
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf
 - 3-3.DURABILITY: 10000 CYCLES.
 - 4.ELECTRICAL PERFORMANCE:
4-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - 4-2. ILCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ MAX.
ILCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN.
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
 5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
 - 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 280°C.



APPROVALS		DATE	DRAWING NO.				
DRAWN	G.M.Chen	2015/7/17	EDELON 德之隆® ELECTRONICS CO.,LTD				
CHECKED			TITLE: USB JACKS				
APPROVALS			PART NO.	USB-US31-106			
TOLERANCES ARE		30±0.15 10±0.30 9±0.10 ~5	±0.30 ±0.20 ±0.15 ±0.10	ANGLE	UNIT: mm	SCALE: 1:1	SHEET 1 OF 1
CHANGE.	CHECK.	APPRO.	DRAWING NO.		PROJ.		
ECN NO.	REV.	DATE.	DESCRIPTION.		NEW		