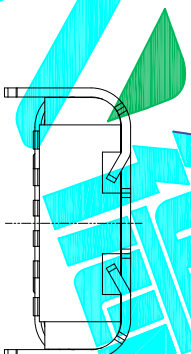
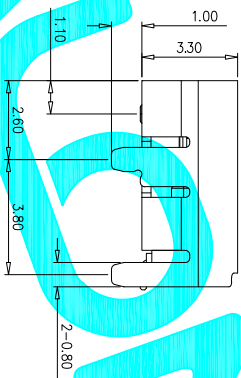


RECOMMENDED PCB LAYOUT(TOP VIEW)

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



PIN ASSIGNMENTS

A5	CC1	B12	GN0
A9	VBUS	B9	VBUS
A12	GN0	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

- 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 JACKES				
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		

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [USB Connectors](#) category:*

*Click to view products by [DEALON](#) manufacturer:*

Other Similar products are found below :

[950](#) [A-USB B-TOP-C](#) [MUSBA511N5](#) [MUSBC111M5](#) [MUSBD11135](#) [17-200721](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [896-30-004-00-000000](#)  
[KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [SK-60A-2](#) [1734082-1](#) [30-1574](#) [30-470](#) [30-489](#) [30-541](#) [30-572-3](#) [A-USB](#)  
[A-2P-C](#) [MIKROE-1451](#) [USBFTV2PEM2G](#) [USBFTVSCCG](#) [4689-1](#) [1-1734084-2](#) [MUSBC11135](#) [USBF21ZNSCC](#) [USBBFTV6ZC](#)  
[MUSBB151341](#) [10135326-001LF](#) [M9177/3-1](#) [TJ-105](#) [USB-A-S-F-B-VT](#) [4198](#) [690-024-633-031](#) [UB-20PMFP-LC7001](#) [USBFTVC6MRG](#)  
[UA-20BMFA-SL8001](#) [17-200011](#) [USBFTVC7ZC](#) [UB-20AFMM-LL7A01](#) [USBFTVC2MN](#) [CAP-WCCMLPB1](#) [1310-1031-01](#) [2041386-1](#)  
[2274475-3](#) [UB-20BMFA-SL8001](#) [UB-20PMFP-SC8003](#)