



## RECOMMENDED PCB LAYOUT

### PCB EDGE

- NOTE:
1. MATERIAL:
    - 1.1 INSULATOR: ICP UL 94V-0
    - 1.2 CONTACT: BRONZE
    - 1.3 SHELL: BRASS
  2. ELECTRICAL CHARACTERISTICS:
    - 2.1 CONTACT RESISTANCE: 30mΩ MAXIMUM
    - 2.2 CONTACT CURRENT RATING: 1.5A
    - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 V AC R.M.S.
    - 2.4 INSULATION RESISTANCE 100 MEGOHMS MIN
    - 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C
  3. MECHANICAL CHARACTERISTICS:
    - 3.1 MATING FORCE: 3.57kgf MAX
    - 3.2 UNMATED FORCE: 0.82kgf MIN AFTER TEST
    - 3.3 DURABILITY MANDATORY: 1200 CYCLES
    4. PLATING
    - 4.1 TERMINAL:
      - 50μ" MIN NICKEL ALL OVER
      - 80μ" MIN TIN ON SOLDER AREA
      - <1~30>μ" Au ON CONTACT AREA
    - 4.2 SHELL: 100μ" MIN NICKEL ALL OVER

APPROVALS		DATE		 ELECTRONICS CO., LTD.			
DRAWN	D.JLV	2017/12/26					
CHECKED				TITLE: USB CONNECTOR			
APPROVALS				PART NO. U-A-39SS-W-1			
TOLERANCES ARE		30~80μ	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
		10~30	±0.20				
		5~10	±0.15				
		~5	±0.10	±2'	DRAWING NO.		SHEET 1 OF 1
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGT	CHTCK	APPRO.	
	A		NEW				