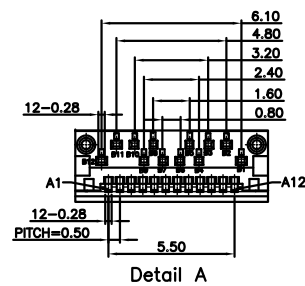
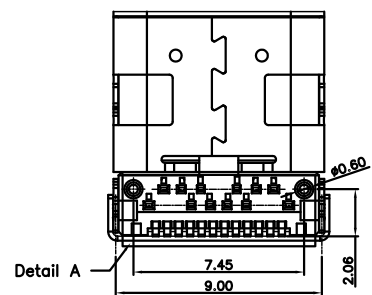
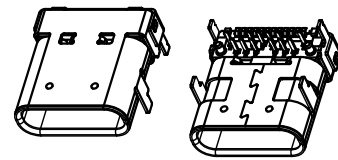
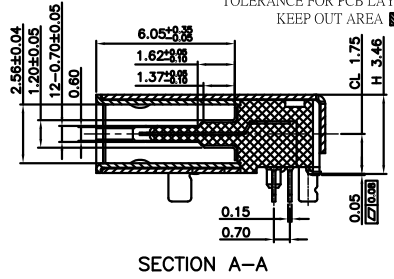
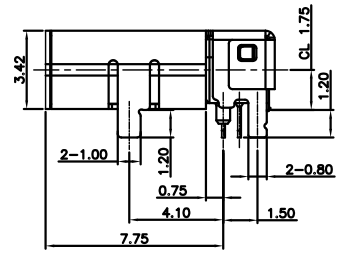
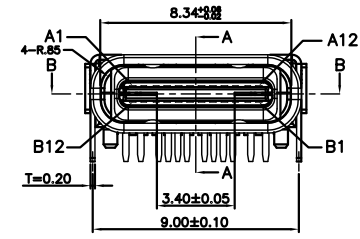


- NOTES:
- MATERIAL:
    - HOUSING: HIGH TEMPERATURE PLASTIC UL 94 V-0; COLOR: Black
    - CONTACT: COPPER ALLOY
    - SHELL: STAINLESS STEEL
  - FINISH:
    - CONTACT:
      - GOLD PLATING (SEE TABLE) ON CONTACT AREA.
      - 2.02um [80u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.
      - 1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.
    - SHELL:
      - 1.27um [50u"] MIN. NICKEL PLATING OVERALL.
  - ELECTRICAL CHARACTERISTICS:
    - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL 10mA CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
    - CONTACT CURRENT RATING: 5A FOR V<sub>BUS</sub> PIN; 1.25A FOR V<sub>CONN</sub> PIN.
    - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
    - INSULATION RESISTANCE 100MΩ Min
    - OPERATING TEMPERATURE: -40°C ~ 85°C
  - MECHANICAL CHARACTERISTICS:
    - MATING FORCE: 5~20 N.
    - UNMATED FORCE: 8~20N AFTER TEST
    - DURABILITY: 10,000 CYCLES
  - PART NO. :142524-0111- X X X



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRxp1	Second
A3	SSTxn1	Second	B10	SSRxn1	Second
A4	V <sub>BUS</sub>	First	B9	V <sub>BUS</sub>	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V <sub>BUS</sub>	First	B4	V <sub>BUS</sub>	First
A10	SSRxn2	Second	B3	SSTxn2	Second
A11	SSRxp2	Second	B2	SSTxp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

CUSTOMER DRAWING	
-TOLERANCES- UNLESS OTHERWISE SPECIFIED	
X.X ±0.35	X.X* ±3'
X.XX ±0.25	X.XX* ±2'
X.XXX ±0.15	X.XXX* ±1'

		Liteconn Co.,Ltd.			
		TITLE: USB 3.1 Receptacle			
APPD:		DWG NO: 142524-0111- XXX			
CHECK:		DATE	SCALE	UNIT	PAGE
DRAW: 陆秀		2015. 05. 08	1:1	MM	1/1

COMPLIANCE WITH THE REQUIREMENT  RoHS  HF  SONY00259  OTHER  
 ※ NO USING RESTRICTED AND BANNED SUBSTANCE