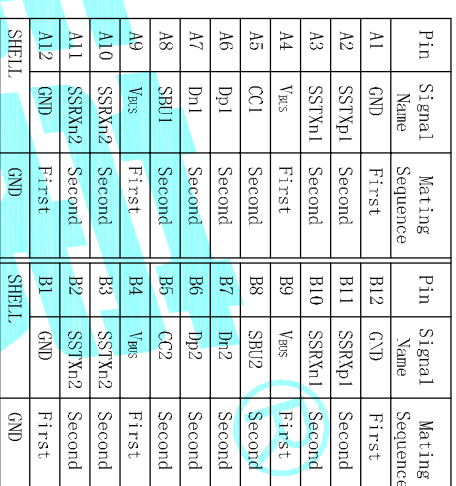




USB 3.1 C TYPE Female
CL1.75 DIP+SMT TYPE

NOTE:

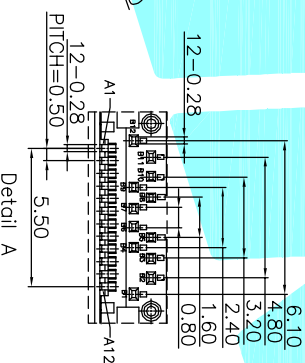
1. MATERIAL:
 - 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
 - 1.2 CONTACT: COPPER ALLOY(T=0.15mm)
 - 1.3 SHELL:STAINLESS STEEL(T=0.20mm)
2. ELECTRICAL CHARACTERISTICS:
 - 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL, 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - 2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- 2.4 INSULATION RESISTANCE: 100MΩ Min
- 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

3. MECHANICAL CHARACTERISTICS:

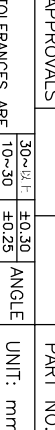
- 3.1 MATING FORCE: 5~20. N
- 3.2 UNMATED FORCE: 8~20N AFTER TEST
- 3.3 DURABILITY: 10,000 CYCLES

4. PLATING

- 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER
- 50u" Min NICKEL AND 80u" Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
- 4.2 SHELL: 50u" Min. NICKEL ALL OVER.







ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			

APPROVALS		DATE	 HIROSE ELECTRONICS CO.,LTD	
DRAWN	JKUN.LU	2014.5.29		
CHECKED			TITLE:	USB CONNECTOR
APPROVALS			PART NO.	TYPE-C-31-M-02

ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK
③	Shell	—	1	STAINLESS STEEL	Ni Plated	—
②	Contact	—	24	COPPER ALLOY	Au Plated	—
①	Housing	—	1	LCP	Black	—

TOLERANCES ARE		UNIT:	SCALE:	PROJ.	SHEET
30° MAX ±	±0.30	ANGLE	1:1	①	1 of 1
10~30	±0.25	mm	1:1	①	1 of 1
5~10	±0.20				
~ 5	±0.15	±2°			