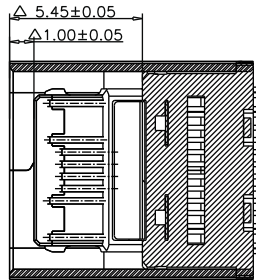
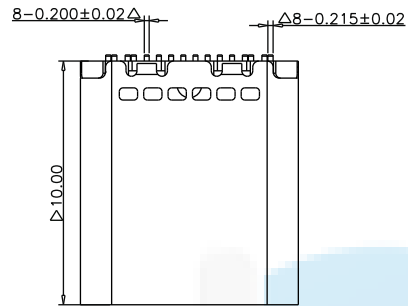
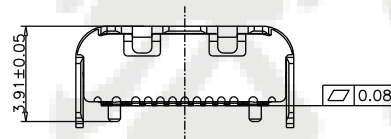
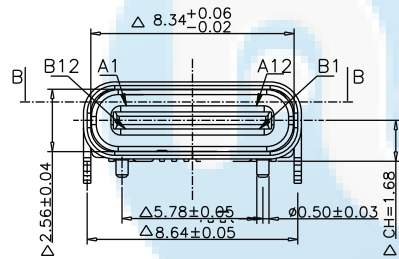
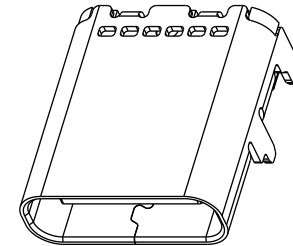
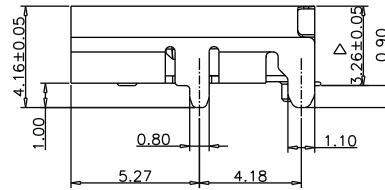


**ROHS**  
Compatible

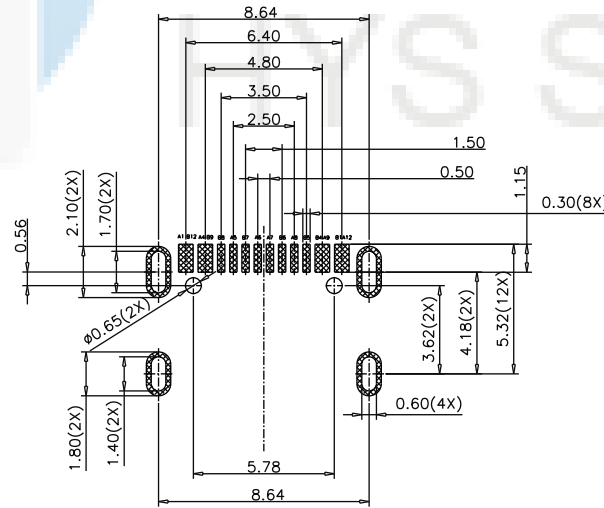
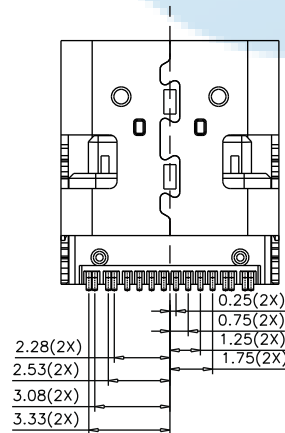


截面B-B



NOTE:

- 1.MATERIAL:
  - 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94V-0;
  - 1.2 CONTACT: COPPER ALLOY
  - 1.3 SHELL:STAINLESS STEEL
- 2.ELECTRICAL CHARACTERISTICS:
  - 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 30mΩ 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,
- 5.TID 5719
6. "Δ" Focus on size control  
U5 101- 16P x 10.0L  
名称 流水号 PIN位 N;母座 L;长度



RECOMMENDED P.C.B LAYOUT

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

DESIGN	Li Jinwei	SCALL	
DRAWING	Wu Qifa	UNIT	mm
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297
APPROVAL	Liu Xiaohong	DATE	2020-06-10

TOLERANCE	
X.X ±0.30	X.°±2°
.XX ±0.20	.X° ±1°
.XXX ±0.10	.XX°±0.5°

DRAWG NO.	U5101-16PN10.0L
TITLE:	TYPE C 板上单排16PIN L=10.0MM无弹片



**东莞市宏煜盛实业有限公司**  
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