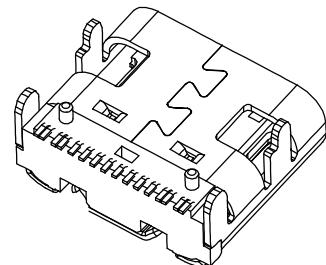
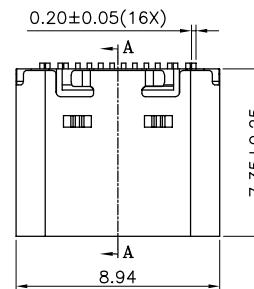


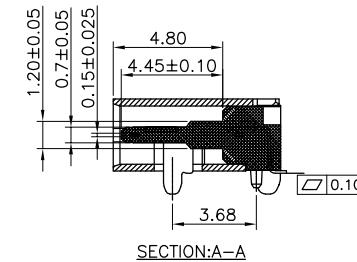
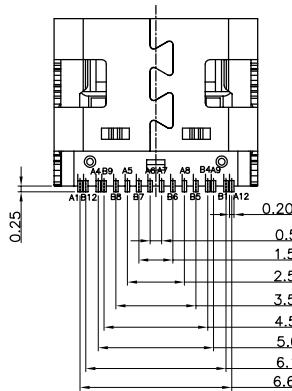
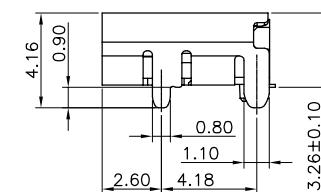
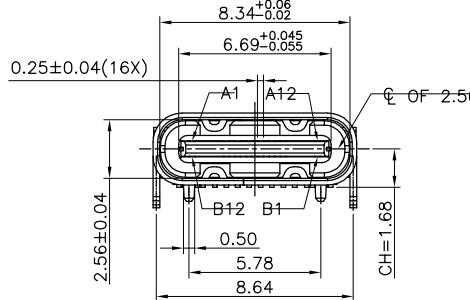
1 2 3 4 5 6 7 8

G571

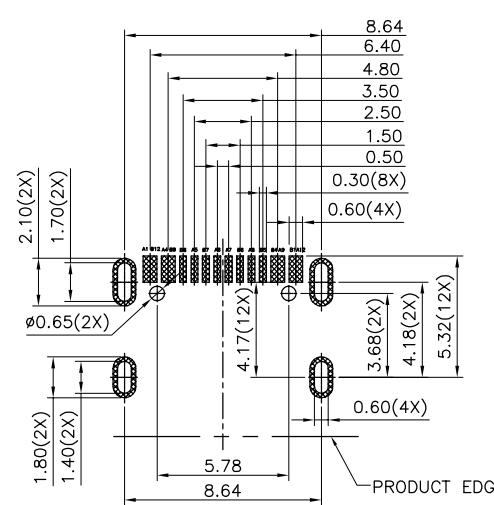


USB TYPE-C PIN ASSIGNMENTS

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

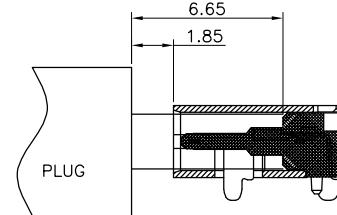


SECTION:A-A

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS .80MM;DEFAULT TOLERANCE:±0.05

NOTE: (备注)

- 1.MATERIAL SPECIFICATION: (材料规格)
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
2. CONTACTS: COPPER ALLOY (接触: 铜合金)
3. MID PLATE: STAINLESS STEEL (中夹片: 不锈钢)
4. FRONT SHELL: STAINLESS STEEL (前壳: 不锈钢)
2.PLATING SPECIFICATION: (电镀规格)
2-1.CONTACTS: (接触)
Ni 50μ" MIN. UNDER PLATED OVER ALL. (镍底50μ" 最小)
3μ" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (接触功能区镀金)
1μ" Au PLATED ON THE FUNCTIONAL AREA OF SOLDER. (焊接区镀金)
2-2.FRONT SHELL: (前壳)
Ni 30μ" MIN. UNDER PLATED OVER ALL. (镍底30μ" 最小)
2-3.SHIELD PLATE&EMI PLATE: (防护电镀 & EMI电镀)
CLEAR ONLY (只清漆)
3.MECHANICAL PERFORMANCE, (机械性能)
3-1.INSERTION FORCE: 0.5~2.0kgf. (插入力: 0.5~2.0kgf)
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf. (拔出力: 0.8kgf~2.0kgf)
3-3.DURABILITY: 10000 CYCLES. (耐久: 10000次)
4.ELECTRICAL PERFORMANCE, (电气性能)
4-1. CURRENT RATING: 5.0A (额定电流: 5.0A)
VOLTAGE RATING: 5.0V (额定电压: 5.0V)
4-2. LLCR: (接触电阻)
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
(电源PIN & 接地PIN和其它PIN 40mΩ/PIN 最大)
SHIELD: 50mΩ/MAX. (防护50mΩ/PIN 最大)
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
(接触电阻最大变化在10mΩ/PIN内)
4-3. INSULATION RESISTANCE: 100MΩ MIN
(绝缘阻抗: 100MΩ 最小)
4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
(耐电压: AC 100V 1分钟)
5. ENVIRONMENTAL PERFORMANCE: (环境性能)
OPERATING TEMPERATURE: -25°C~+85°C. (工作温度-25° C~+85° C)
6.IR REFLOW: (IR 回流焊)
THE PEAK TEMPERATURE ON THE BOARD SHALL (板上的最高温度)
BE MAINTAINED FOR 10 SECONDS AT 260°C. (在260摄氏度的时候保持10秒)



AFTER MATING


CHIN-BAN
electronics (H.K.) co., ltd

E			DRAWING: Yue	GENERAL TOLERANCE		DESCRIPTION: USB Conn Female C Type 16Pin
D				.X:=±0.30	.X':=±2°	
C			CHECKED: Yat	.XX:=±0.20	.XX':=±1°	UNIT: MM
B				.XXX:=±0.10	.XXX':=±0.5°	
A			APPROVAL: Huyatao	SCALE: N/A	PROJECTION:	PART NO: U5F16E-B4N-34R
NO.	DATE	DESCRIPTION		SHEET: 1/1		
		APPROVAL				REV: 1.0
						SIZE: A4

1 2 3 4 5 6 7 8