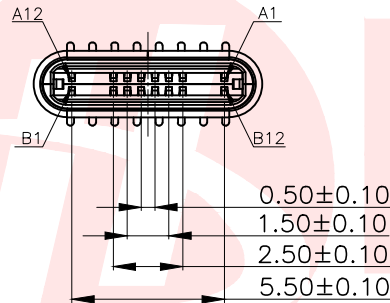
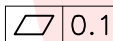
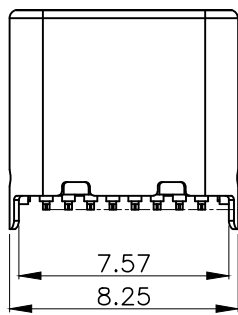
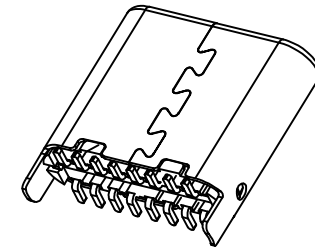
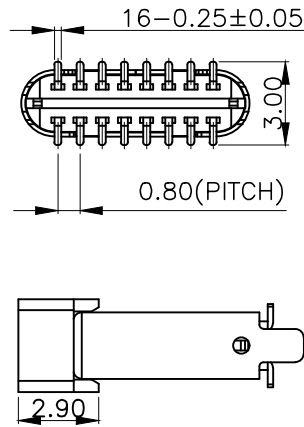
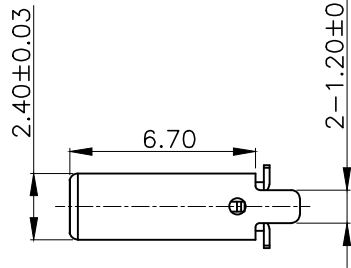
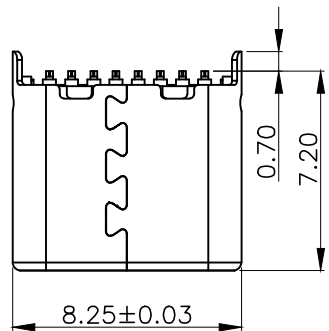
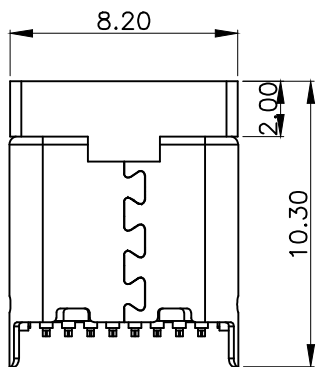


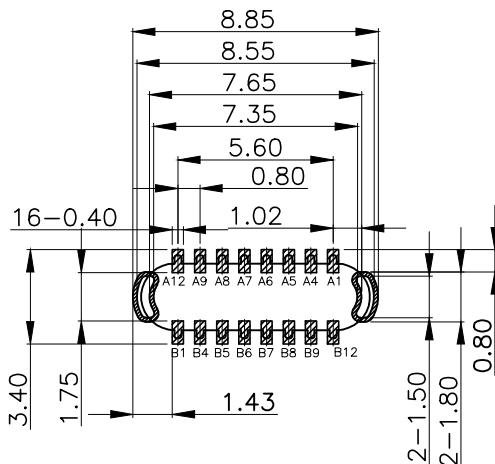
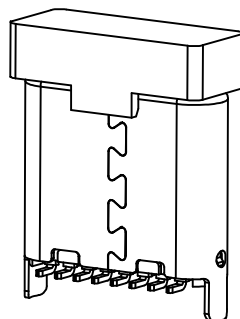


PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND



Added suction cap view
SCALE 1:1



RECOMMENDED PCB LAYOUT
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP,BLACK
- 1-2.CONTACTS: C5191 T=0.20
- 1-3.LATCH: SUS301 T=0.35
- 1-4.SHELL: SUS304 T=0.15;
- 1-5.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.
- 2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -55°C~+85°C.

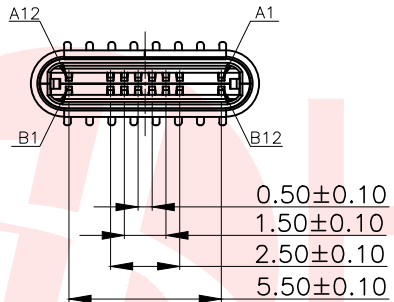
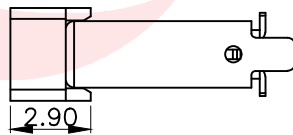
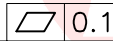
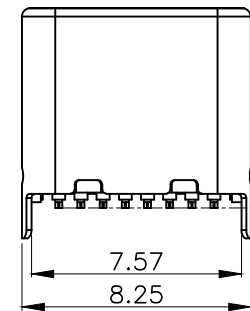
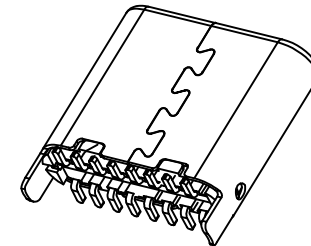
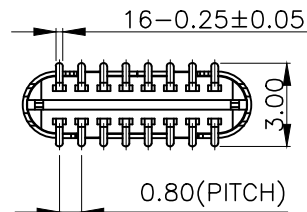
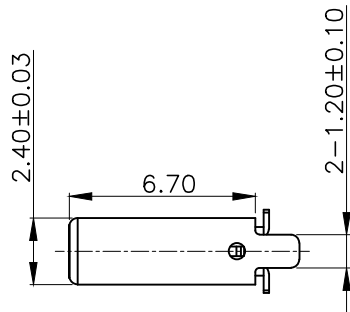
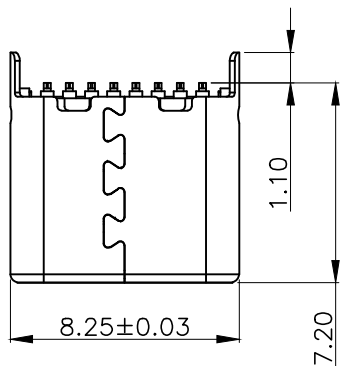
6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:		ANGLES:		TITLE	
X	:±0.30	X	:±2°	DWN	xiong
X.X	:±0.20	X.X	:±1°	PART NO.	TC-027-H720Z07
X.XX	:±0.10			CHKD	lee
				SCALE:1:1	UNIT: mm
				APVD	wang
				SIZE: A4	SHEET:1OF 1
				REV: A4	
CUSTOMER COPY					



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP,BLACK
- 1-2.CONTACTS: C5191 T=0.20
- 1-3.LATCH: SUS301 T=0.35
- 1-4.SHELL: SUS304 T=0.15;
- 1-5.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.
- 2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

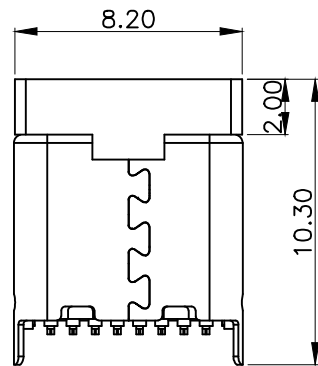
- 4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

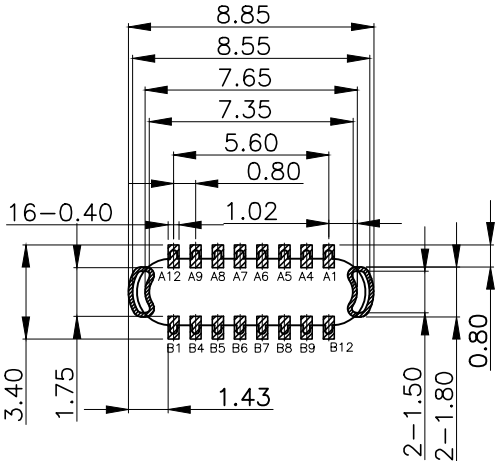
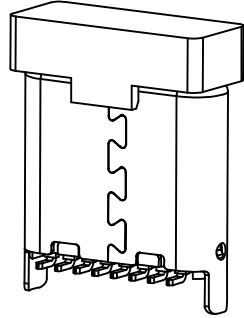
- OPERATING TEMPERATURE: -55°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



Added suction cap view
SCALE 1:1

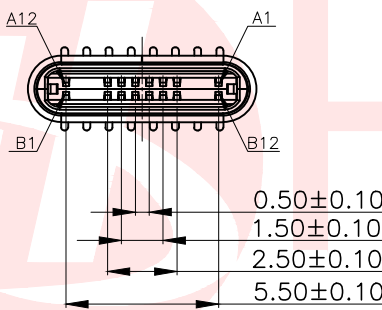
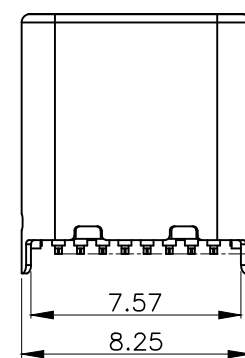
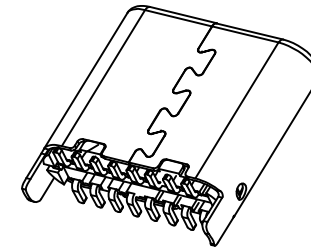
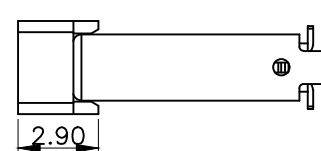
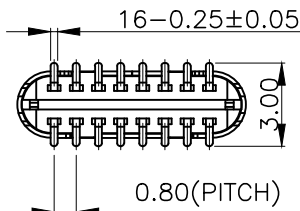
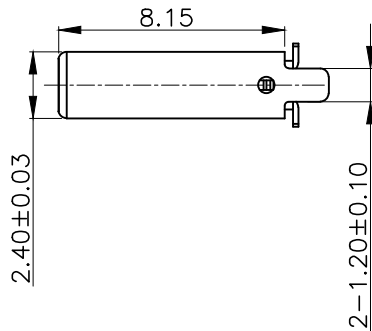
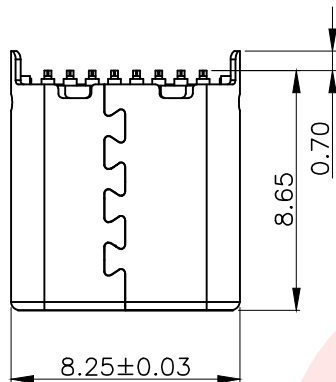


RECOMMENDED PCB LAYOUT
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

UNLESS OTHERWISE SPECIFIED TOLERANCES		 东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD				
DECIMALS: ANGLES:		TITLE USB TYPE C 16PIN 立贴 铜舍 7.2脚长1.1				
X :±0.30	X :±2°	DWN	xiong	PART NO. TC-027-H720Z11		
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm	
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
CUSTOMER COPY						



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP,BLACK
- 1-2.CONTACTS: C5191 T=0.20
- 1-3.LATCH: SUS301 T=0.35
- 1-4.SHELL: SUS304 T=0.15;
- 1-5.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.
- 2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

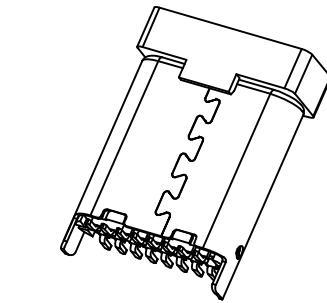
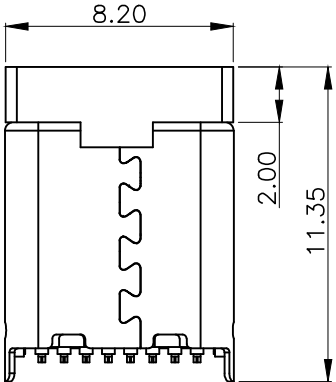
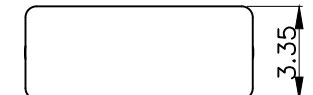
- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

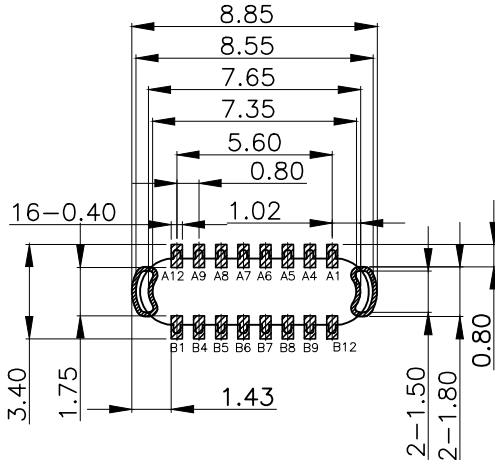
- 4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -55°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

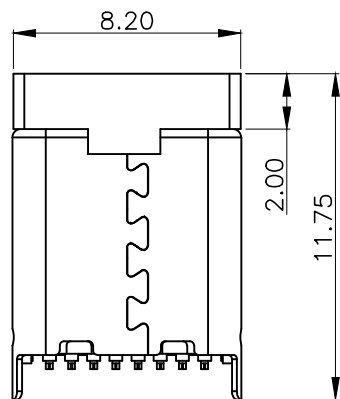
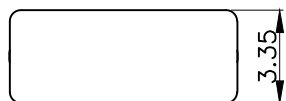
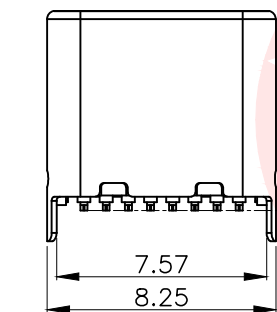
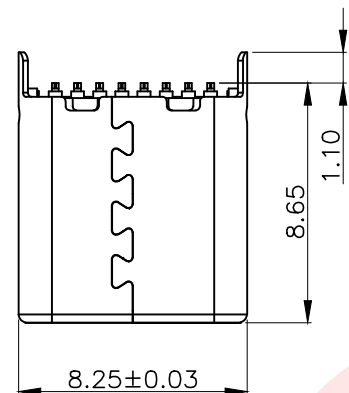


Added suction cap view
SCALE 1:1

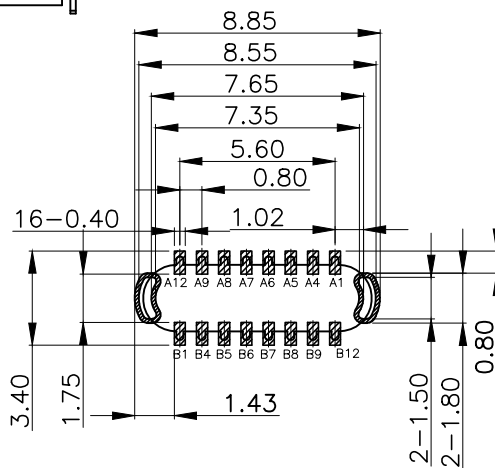
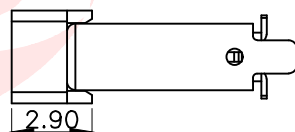
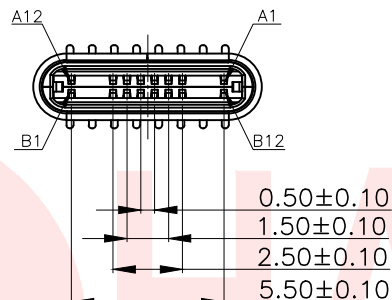
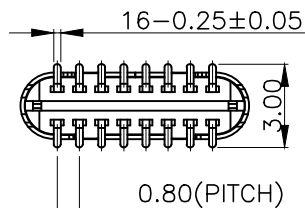
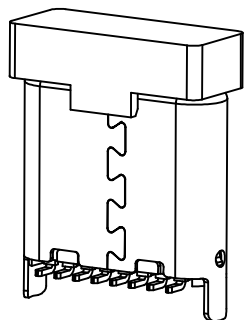


RECOMMENDED PCB LAYOUT
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

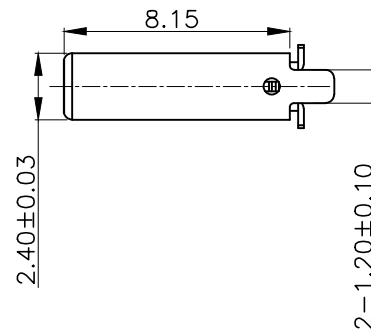
UNLESS OTHERWISE SPECIFIED TOLERANCES		 东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD				
DECIMALS: ANGLES:		TITLE USB TYPE C 16PIN 立贴 铜舍 8.65脚长0.7				
X :±0.30	X :±2°	DWN	xiong	PART NO. TC-027-H865Z07		
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm	
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
CUSTOMER COPY						



Added suction cap view
SCALE 1:1



RECOMMENDED PCB LAYOUT
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP,BLACK
- 1-2.CONTACTS: C5191 T=0.20
- 1-3.LATCH: SUS301 T=0.35
- 1-4.SHELL: SUS304 T=0.15;
- 1-5.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.
- 2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

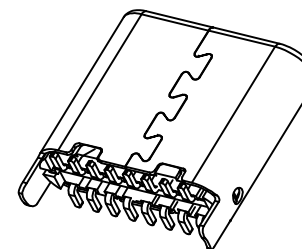
- 4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -55℃~+85℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260℃.



UNLESS OTHERWISE
SPECIFIED TOLERANCES

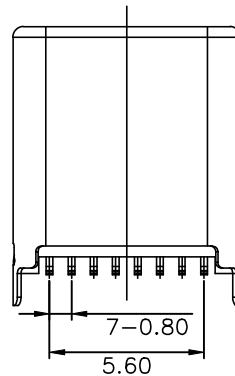
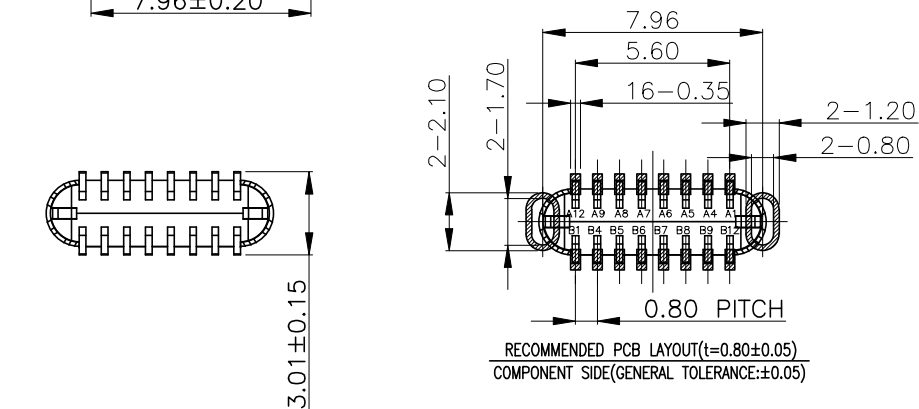
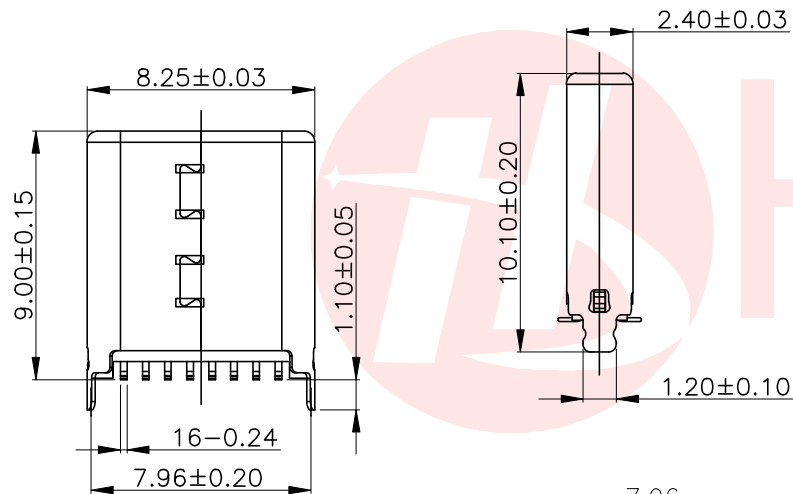
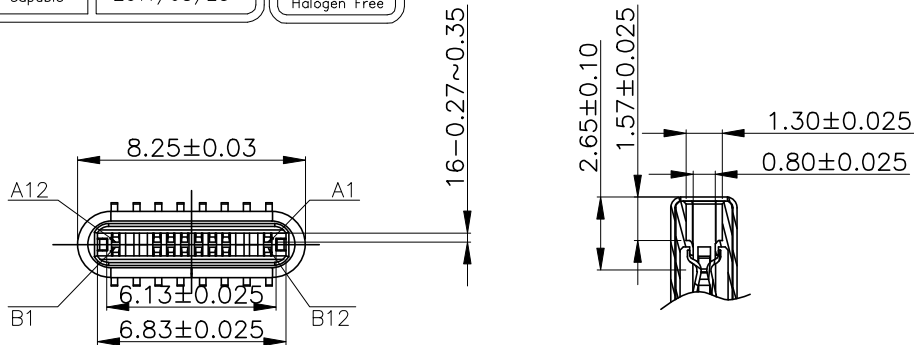
DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10



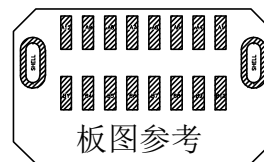
东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	USB TYPE C 16PIN 立贴 铜合 8.65脚长1.1			
DWN	xiong	PART NO. TC-027-H865Z11		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4

CUSTOMER COPY

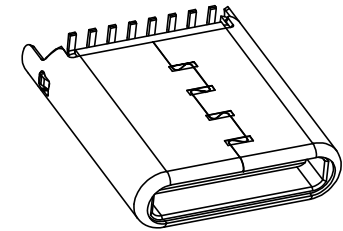


A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



板图参考

REV.	ECN NO OR DESCRIPTION	REVISED	DATE



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20~40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20~40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

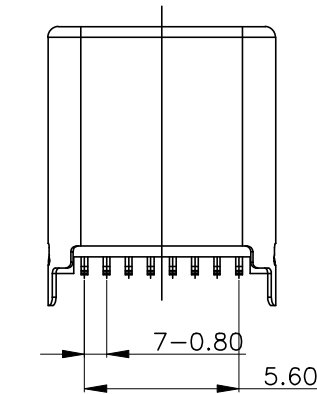
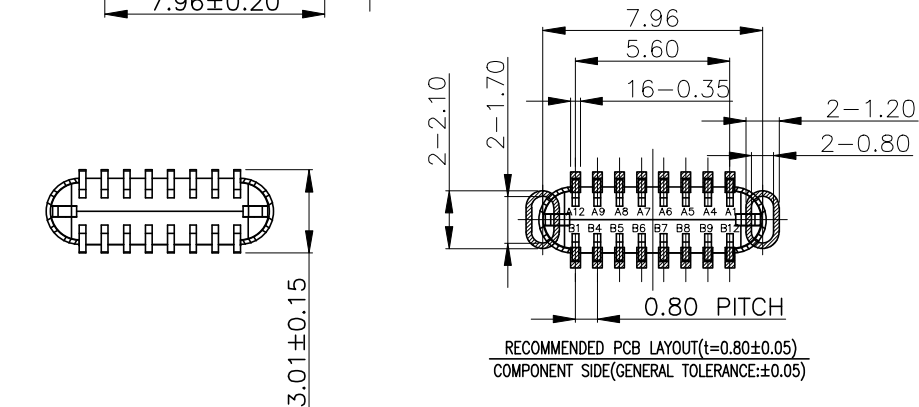
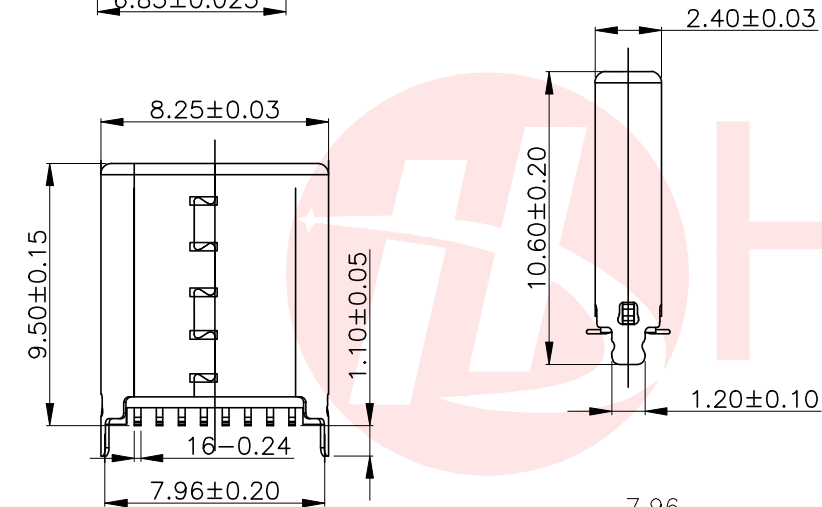
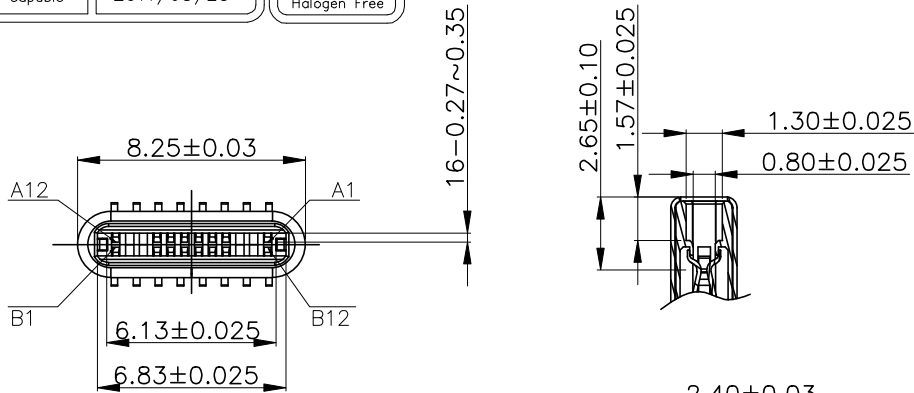
UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10

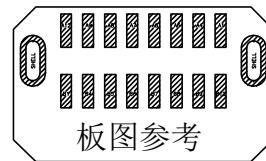


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DONGGUAN HANBO TECHNOLOGY CO., LTD

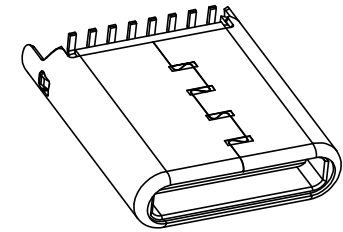
TITLE	USB TYPE C 16PIN 立贴 铜合 9.0脚长1.1			
DWN	xiong	PART NO. TC-027-H90		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
CUSTOMER COPY				



A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5-20N.
- 2.2 拔出力:8~20N.插拔10000次后6-20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20-40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10

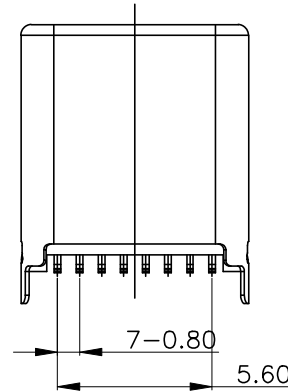
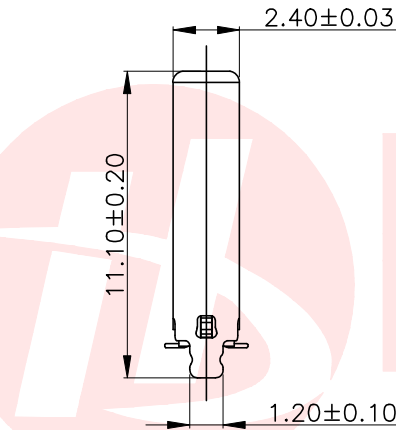
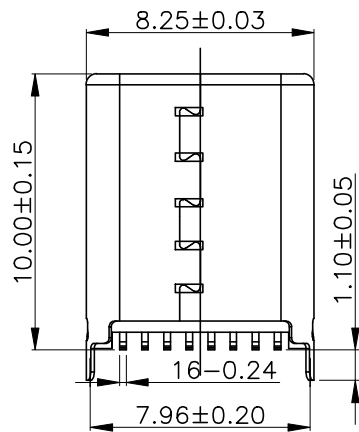
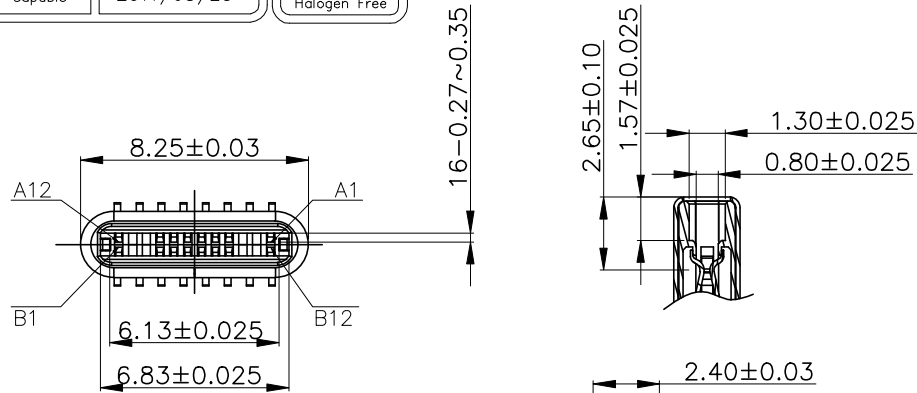


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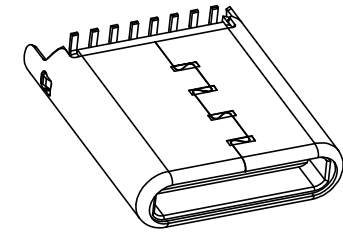
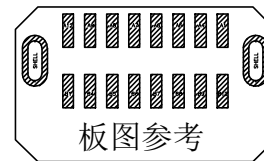
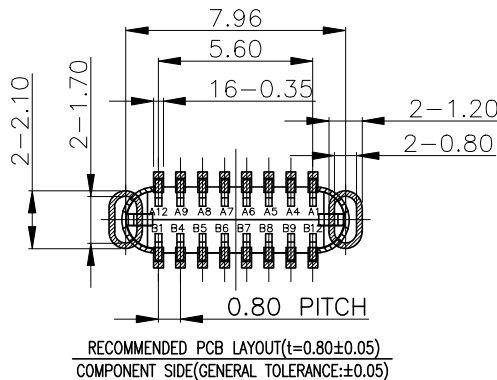
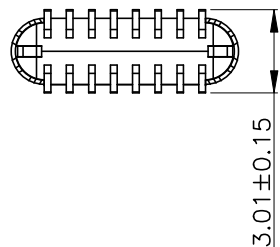
TITLE	USB TYPE C 16PIN 立贴 铜合 9.5脚长1.1			
DWN	xiong	PART NO. TC-027-H95		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
CUSTOMER COPY				



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20~40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20~40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10

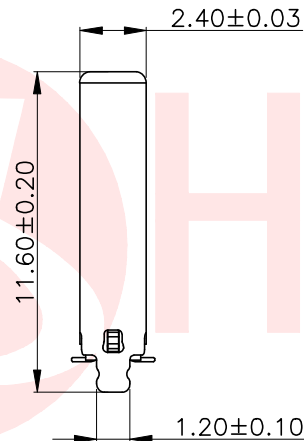
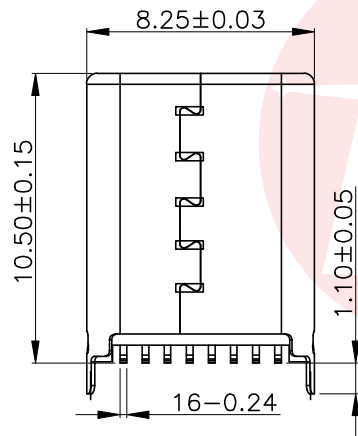
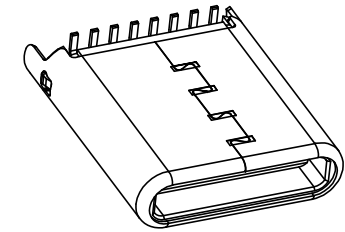
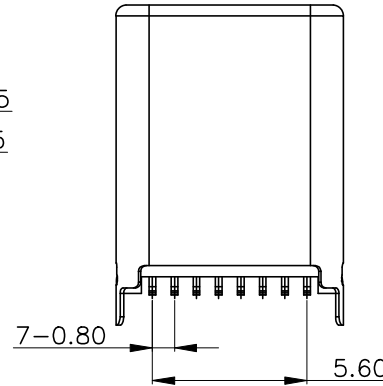
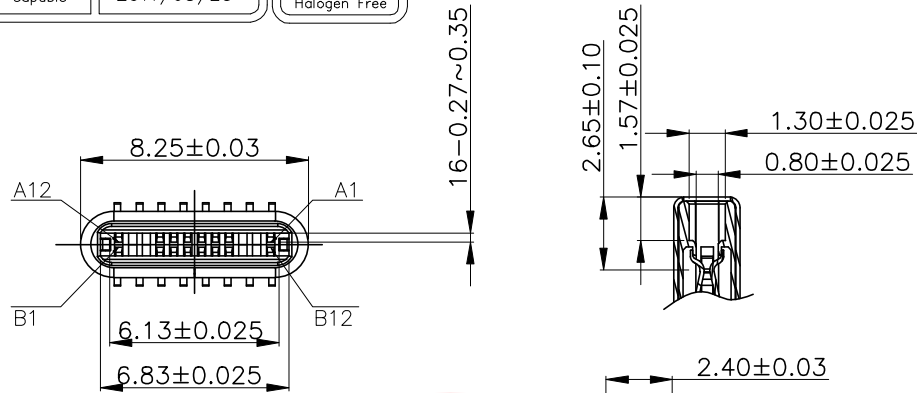


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DONGGUAN HANBO TECHNOLOGY CO., LTD

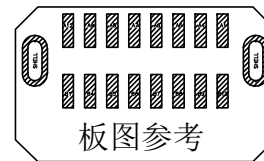
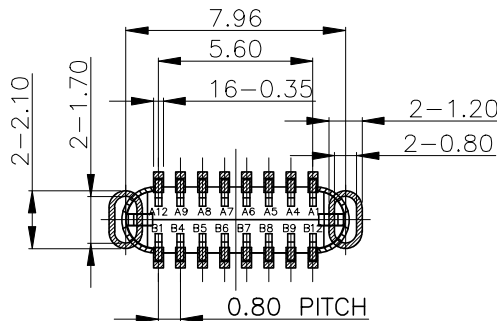
TITLE	USB TYPE C 16PIN 立贴 铜合 10.0脚长1.1		
DWN	xiong	PART NO. TC-027-H100	
CHKD	lee	SCALE:1:1	UNIT: mm
APVD	wang	SIZE: A4	SHEET:10F 1
REV: A4			
CUSTOMER COPY			



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20~40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20~40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10

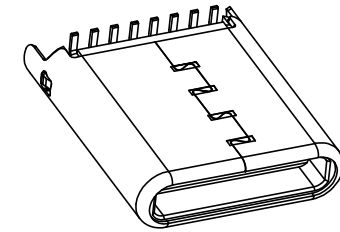
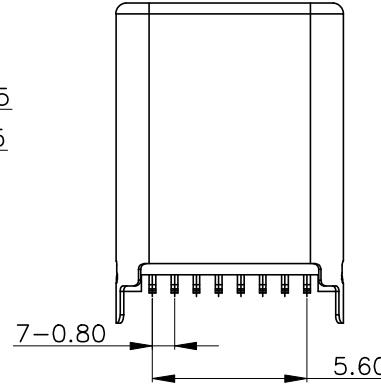
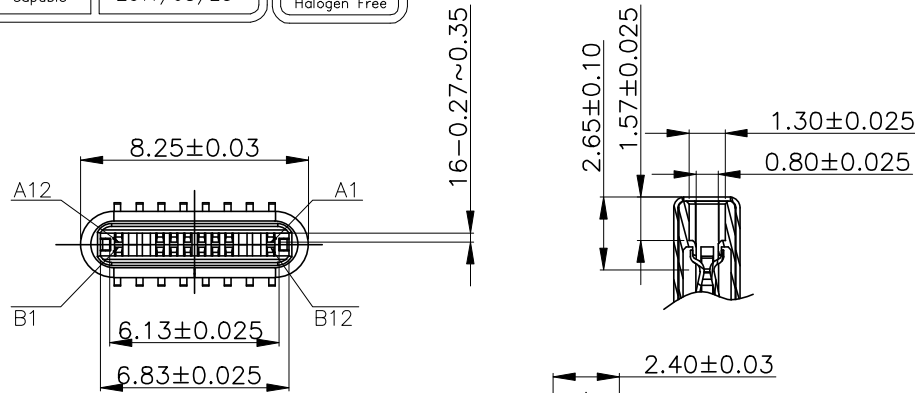


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DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	USB TYPE C 16PIN 立贴 铜合 10.5脚长1.1			
DWN	xiong	PART NO. TC-027-H105		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
CUSTOMER COPY				



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5-20N.
- 2.2 拔出力:8~20N.插拔10000次后6-20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

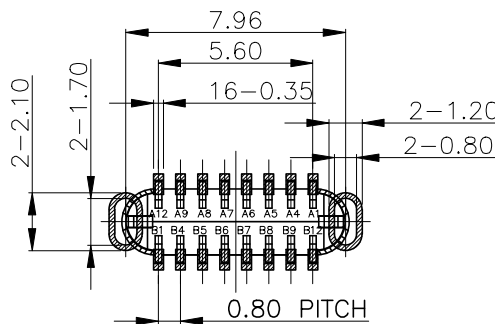
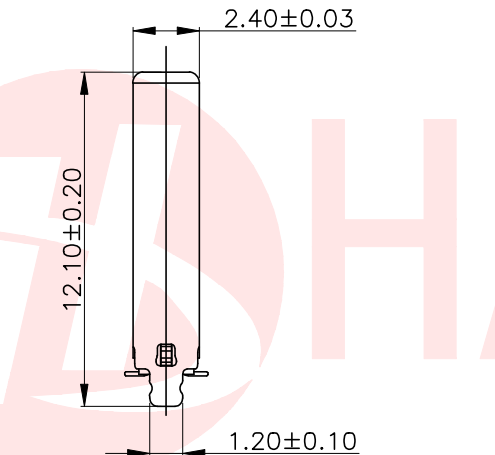
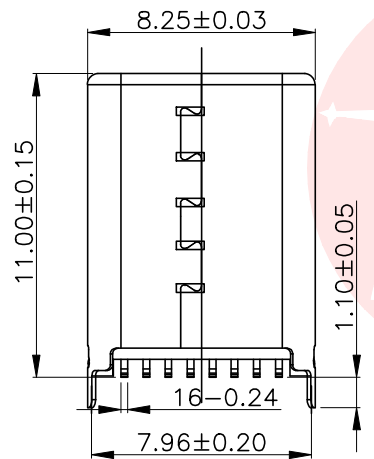
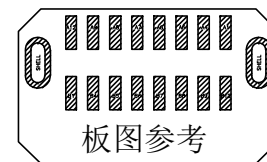
- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20-40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

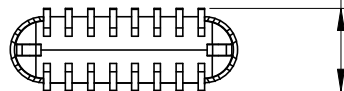
6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



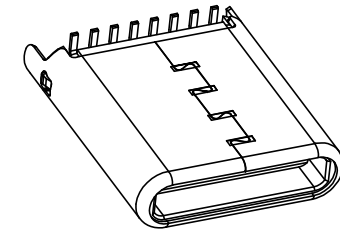
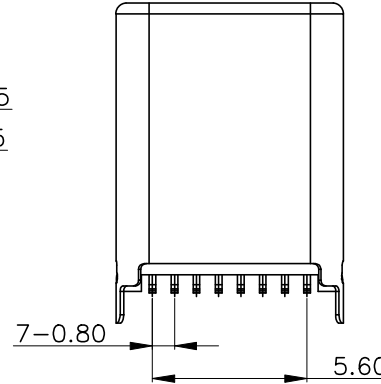
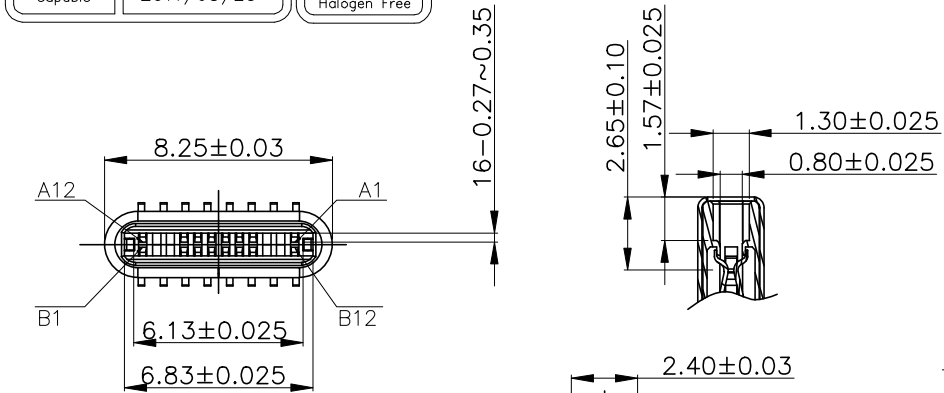
RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)



UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:		TITLE			
X :±0.30		USB TYPE C 16PIN 立贴 铜合 11.0脚长1.1			
X.X :±0.20		DWN	xiong	PART NO. TC-027-H110	
X.XX :±0.10		CHKD	lee	SCALE:1:1	UNIT: mm
		APVD	wang	SIZE: A4	SHEET:10F 1
		CUSTOMER COPY			



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5-20N.
- 2.2 拔出力:8~20N.插拔10000次后6-20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

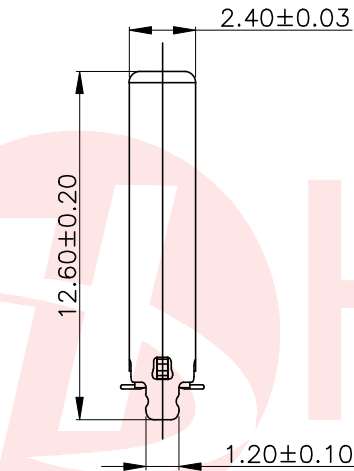
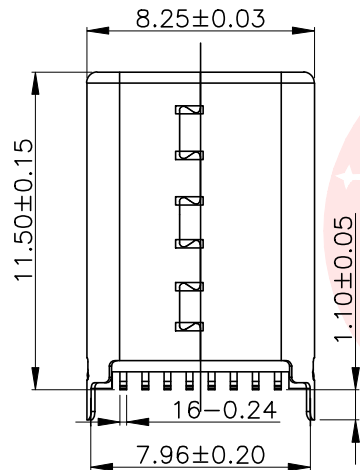
4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20-40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20-40U"

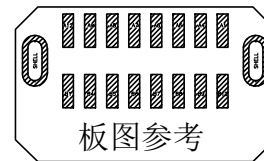
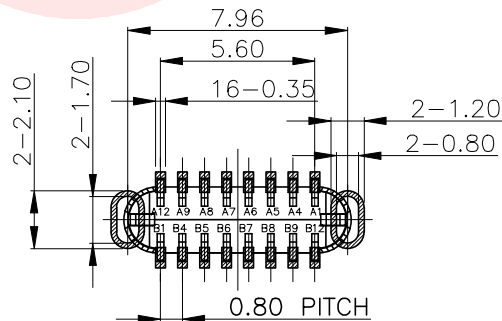
5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH



A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10



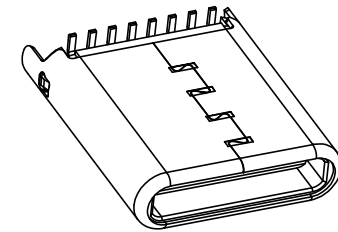
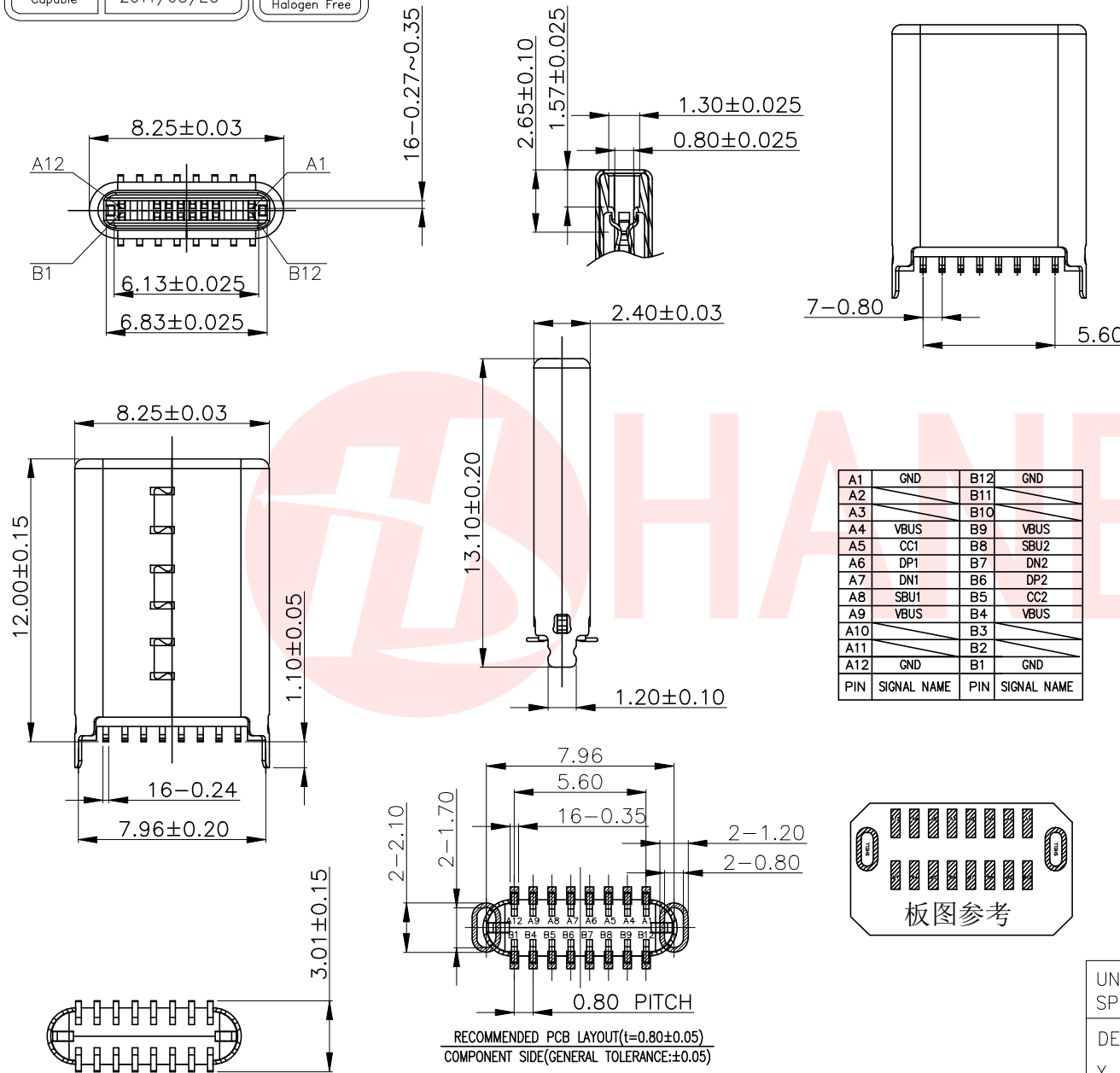
东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	USB TYPE C 16PIN 立贴 铜合 11.5脚长1.1			
DWN	xiong	PART NO. TC-027-H115		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4

CUSTOMER COPY



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

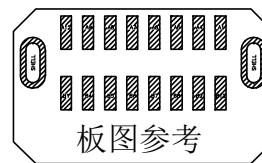
4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20~40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20~40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

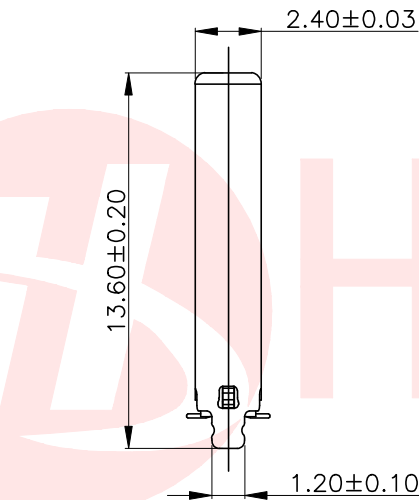
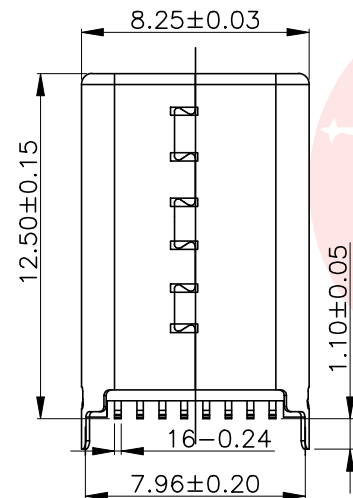
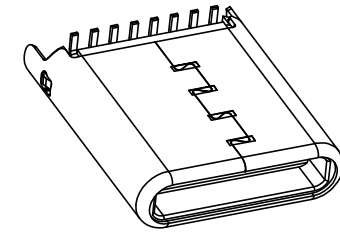
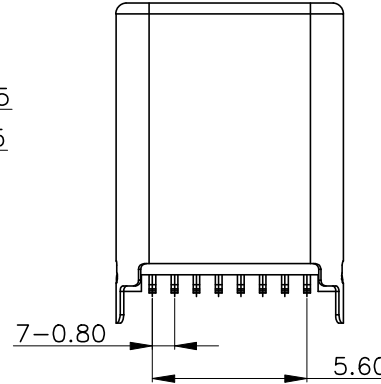
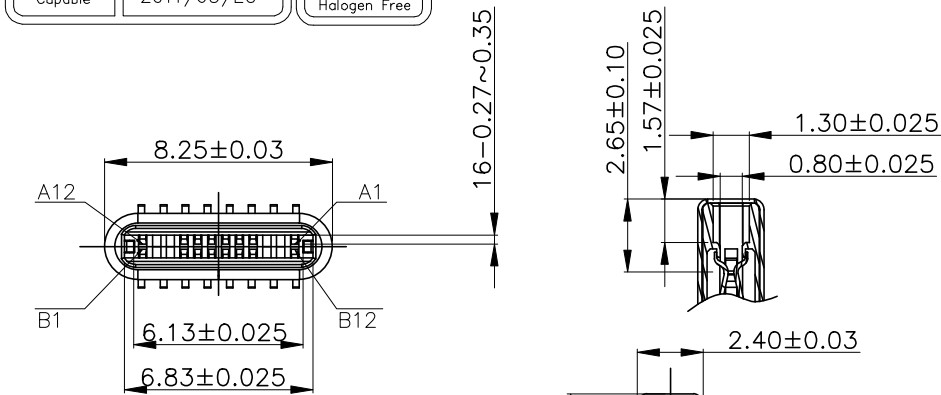
7.环保要求: ROHS REACH



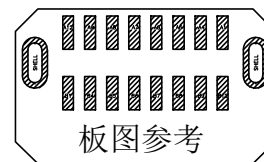
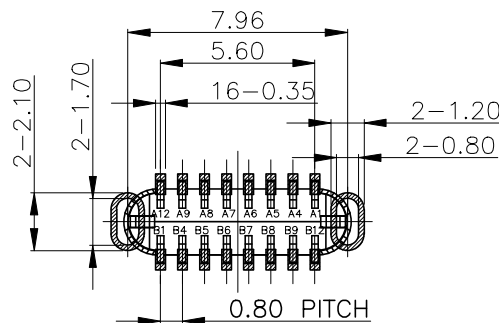
UNLESS OTHERWISE SPECIFIED TOLERANCES		 东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD				
DECIMALS: ANGLES:		TITLE USB TYPE C 16PIN 立贴 钎合 12.0脚长1.1				
X :±0.30	X :±2°	DWN	xiong	PART NO. TC-027-H120		
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm	
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
		CUSTOMER COPY				



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20~40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20~40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10



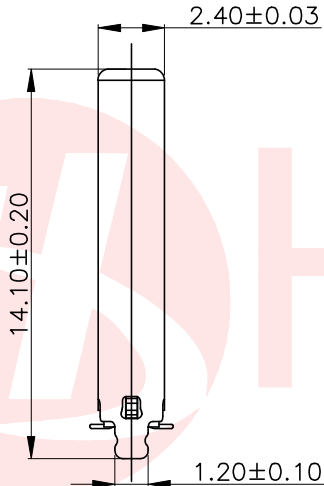
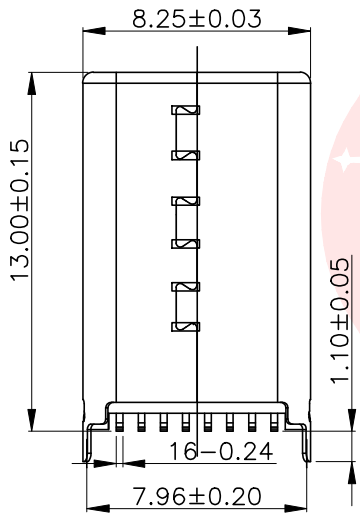
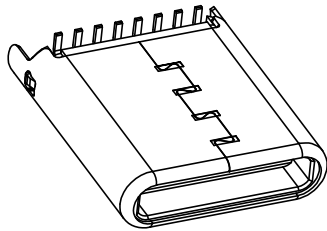
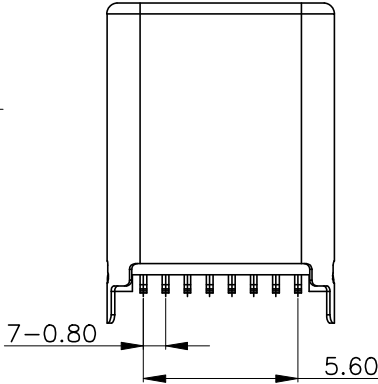
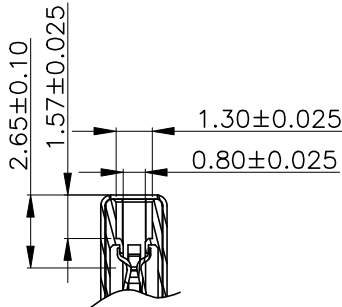
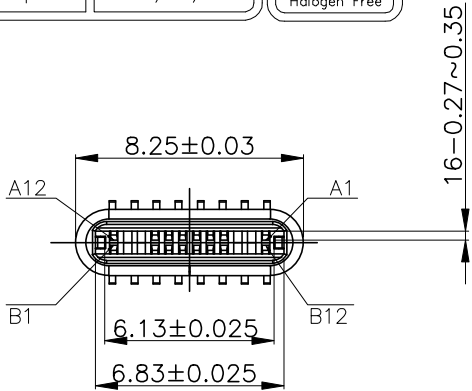
东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	USB TYPE C 16PIN 立贴 铜合 12.5脚长1.1		
DWN	xiong	PART NO. TC-027-H125	
CHKD	lee	SCALE:1:1	UNIT: mm
APVD	wang	SIZE: A4	SHEET:10F 1

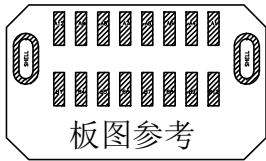
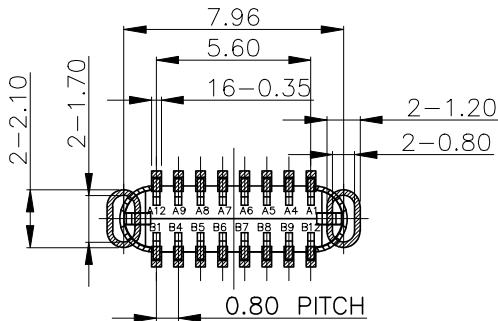
CUSTOMER COPY



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

备注:

1.原材料

- 1.1 塑胶材质: LCP+30%GF 94V-0 黑色
- 1.2 端子材质: C5159-EH T=0.20MM
- 1.3 卡钩材质: SUS 201-H T=0.35MM
- 1.4 壳子材质: SUS 201-1/2H T=0.15MM

2. 机械性能:

- 2.1 插入力:6~20N.插拔10000次后5~20N.
- 2.2 拔出力:8~20N.插拔10000次后6~20N.
- 2.3 耐久寿命10000 CYCLES.

3. 电气性能:

- 3.1 额定电流:1A MIN FOR VBUS;
0.25A MIN FOR OTHER .
- 3.2 额定电压:5V MAX.
- 3.3 耐电压:100V AC.
- 3.4 接触阻抗:30mΩ MAX(Initial) ,
30mΩ±20 MAX(10000次试验后) .
- 3.5 绝缘阻抗:100MΩ MIN.

4.电镀规格:

- 4.1 端子: 镍底40u"Min 接触点镀金G/F"
焊接处镀锡20~40U"
- 4.2 外壳: 哑镍 表面镀镍40u"Min 盐雾24H
- 4.3 卡钩: 前镍后锡 镍20u"Min 后端镀锡20~40U"

5.环境温度: 温度范围:-30°C ~ +85°C.

6.包装方式: 卷带 500PCS/卷

7.环保要求: ROHS REACH

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10

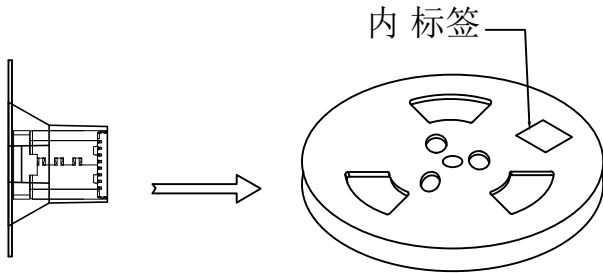
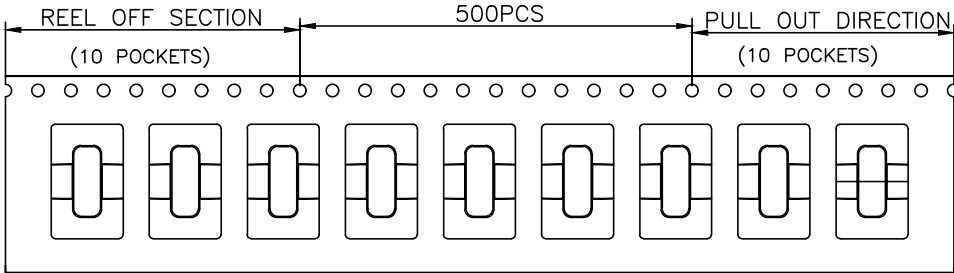


东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	USB TYPE C 16PIN 立贴 铜合 13.0脚长1.1		
DWN	xiong	PART NO. TC-027-H130	
CHKD	lee	SCALE:1:1	UNIT: mm
APVD	wang	SIZE: A4	SHEET:10F 1
REV: A4			
CUSTOMER COPY			

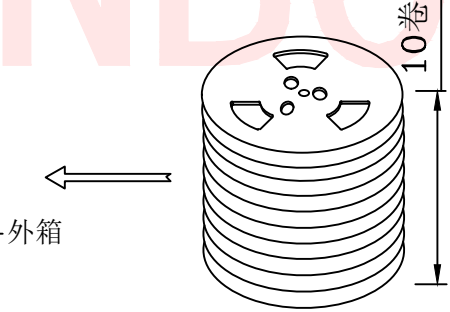
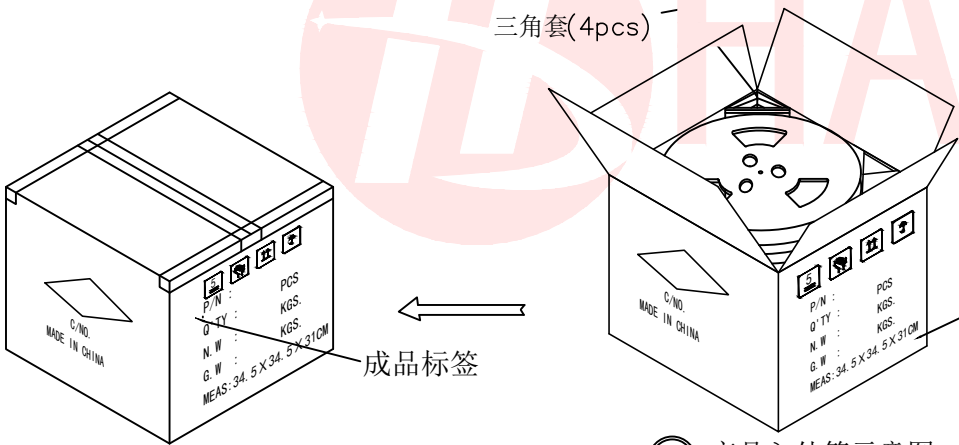


REV.	ECN NO OR DESCRIPTION	REVISED	DATE



① 产品入载带示意图

② 卷盘贴标签示意图



④ 产品入外箱示意图

③ 10盘产品叠层示意图

⑤ 外箱封箱示意图

- 包装说明:
1. 将检验好的成品;对插口朝前放入载带;每卷装500PCS产品;具体如图一所示
 2. 将包装好的产品;每盘必需贴上内标签;具体如图二所示
 3. 将贴好内标签的产品每10盘叠;具体如图三所示
 5. 装好后并封好纸箱及贴好相关标签;具体如图五所示;
(产品包装的标签, 如客户有要求, 请按客户要求包装出货)
 6. 载带前面留10PCS空格, 后面留10PCS空格
 7. COVER与CARRY剥离力: 50-125g, 速度: 300mm/分钟左右, 剥离角度: 165° -180°

	REEL	CARTON
CONNECTOR (PCS)	500	5000

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	USB TYPE C 16PIN 立贴 铜合 9.0-13.0包装图		
X :±0.30	X :±2°	DWN	xiong	PART NO. TC-027-HXXX	
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1
CUSTOMER COPY					
REV: A4					