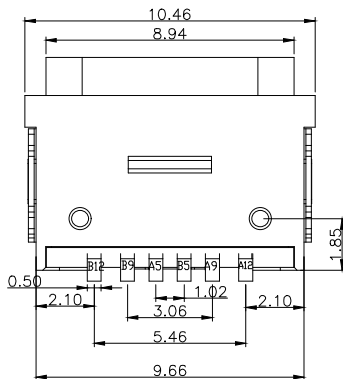
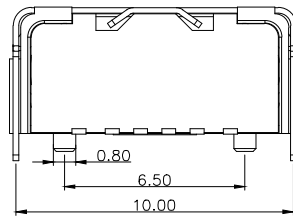
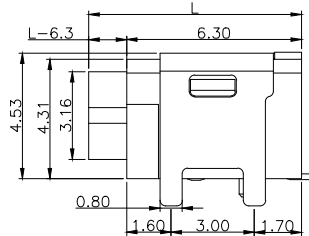
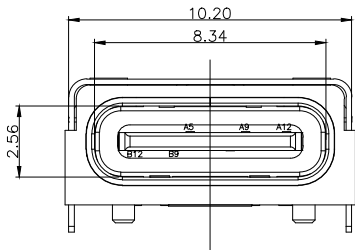
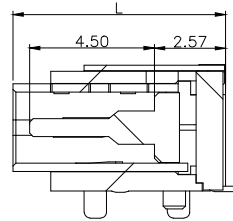
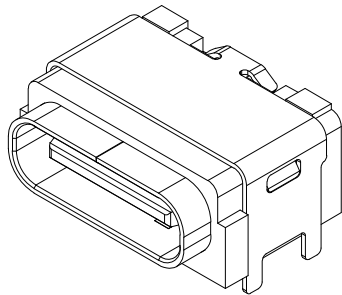
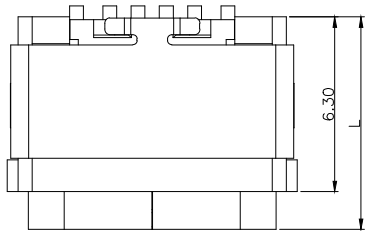
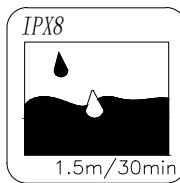


RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B5	CC2
A12	GND	B9	VBUS

L L =7.7

REV	DESCRIPTION	DATE	APPROVED
A	新板发行	2026. 09. 10	HHM

NOTE:

备注:

1.MATERIAL SPECIFICATION:

1.材料规格:

1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

1-1.胶芯材料: 高温塑胶, 防火等级UL94 V-0

1-2.TERMINAL: COPPER ALLOY

1-2.端子材料: 铜合金

1-3.FRONT SHELL: STAINLESS STEEL

1-3.外壳材料: 不锈钢

1-4.MID PLATE: STAINLESS STEEL

2.电镀规格:

2-1.TERMINAL:

2-1.端子:

Ni 30u" MIN. UNDER PLATED OVER ALL.

镀镍底30u" MIN.

Au PLATED Golden Flash OVER Ni

表面刷金 Golden Flash

2-2.FRONT SHELL:

2-2.外壳:

Ni 30u" MIN. PLATED OVER ALL.

镀镍底 30u" MIN.

3.MECHANICAL PERFORMANCE,

3.机械性能,

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-1.插入力: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.6kgf~2.0kgf.

3-2.拔出力: 0.6kgf~2.0kgf.

3-3.DURABILITY: 5000 CYCLES.

3-3.插拔寿命: 5000次.

4.ELECTRICAL PERFORMANCE,

4.电气性能,

4-1. VOLTAGE RATING: 5.0V DC/AC

4-1. 额定电压: 5.0V DC/AC

CURRENT RATING: 2.0A

额定电流: 2.0A

4-2. LLCR: 50mΩ/PIN MAX.

4-2. 接触阻抗: 50mΩ/PIN MAX.

4-3.INSULATION RESISTANCE: 100MΩ MIN

4-3. 绝缘阻抗: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

4-4. 耐电压: AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

5. 环境特性:

OPERATING TEMPERATURE: -25°C~+85°C.

工作温度: -25°C~+85°C.

CUSTOMER DRAWING

UNITS	SCALE	SHEET
mm	1:1	1 OF 3
PROJECTION:	DRAW:	
	DAP	
GENERAL TOLERANCE	CHECK:	
.000 ±0.02	HWT	
.00 ±0.10		
.0 ±0.20	APPD:	
.0 ±2°	HHM	
.00 ±1°		

铭创科技(东莞)有限公司

Mingchuang Technology (Dongguan) Co., Ltd

TITLE

防水TYPE C母座6PIN 板上四脚插板SMT

L=7.7 点胶 IPX8

MAT'L

SEE TABLE

FINISH

SEE TABLE

DWG. NO.

A01W0605A

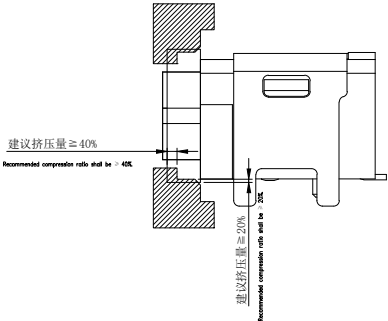
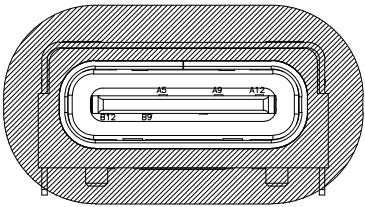
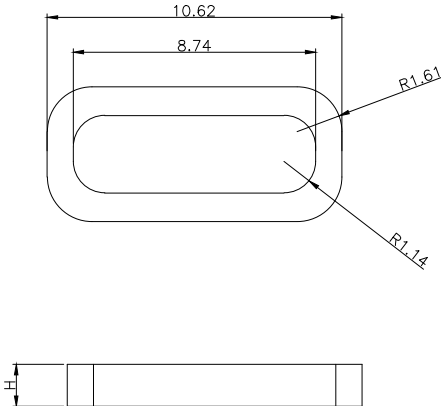
PART NO.

SIZE

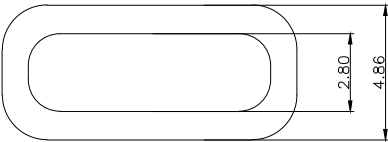
A4



REV	DESCRIPTION	DATE	APPROVED
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RECOMMENDED SCHEMATIC DRAWING OF CONNECTOR MATCH CHASSIS



备注 (NOTE)

1. 材质：硅橡胶 SI 60A，黑色无卤，材料要求耐高温 270°
Material: Silicone SI 60A, Black Halogen-Free, Material heat resistance: 270°

2. 品质要求事项：Quality Requirements:

2-1. 不可缺胶，变形，毛边，脏污。
No short shot, deformation, flash or contamination allowed.

2-2. 产品表面不能刮伤，划伤压痕。
No scratch, scuff or indentation on product surface.

USB TYPE-C PIN ASSIGNMENTS

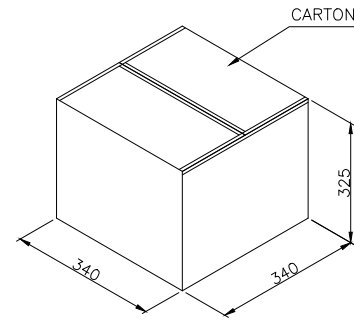
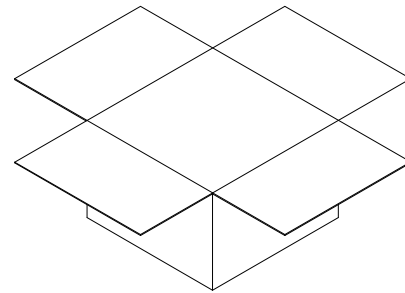
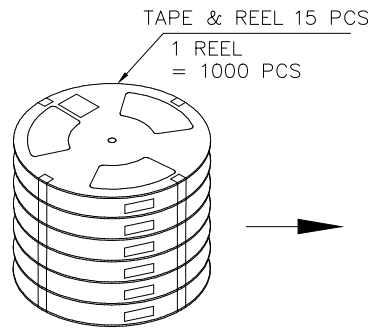
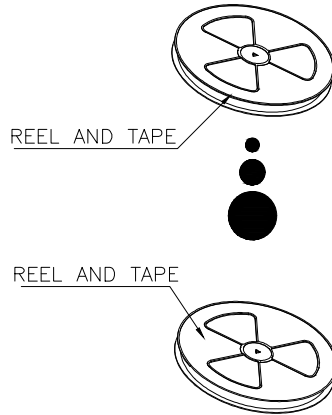
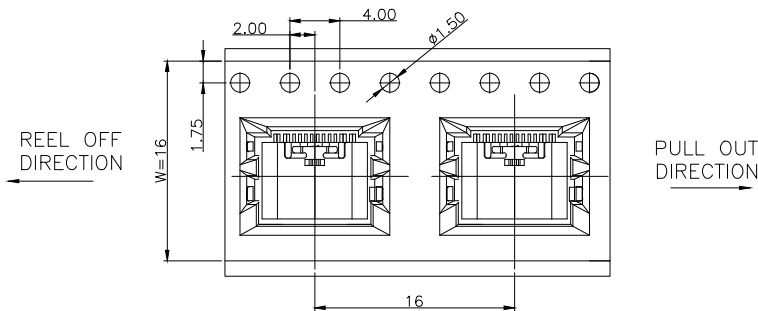
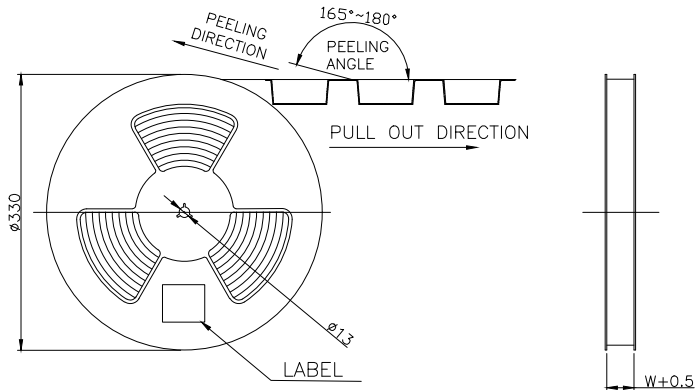
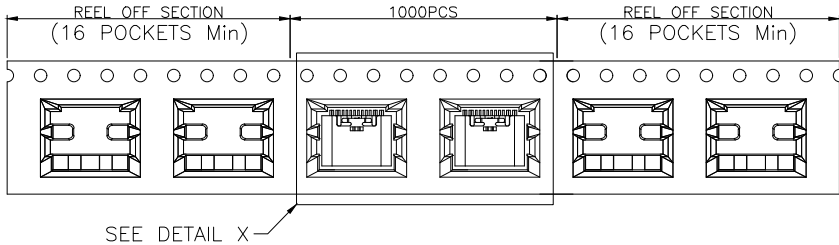
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B5	CC2
A12	GND	B9	VBUS

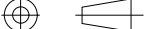
H H =1.2

CUSTOMER DRAWING			铭创科技（东莞）有限公司		
UNITS mm	SCALE 1:1	SHEET 2 OF 3	Mingchuang Technology (Dongguan) Co., Ltd		
PROJECTION: 		DRAW: DAP	TITLE 防水TYPE C母座6PIN 板上四脚插板SMT L=7.7 点胶 IPX8		
GENERAL TOLERANCE .000 ±0.02 .00 ±0.10 .0 ±0.20 .0 ±2° .00 ±1°		CHECK: HWT	MAT'L SEE TABLE	FINISH SEE TABLE	
		APPD: HHM	DWG. NO. A01W0605A	PART NO. _____	SIZE A4



REV	DESCRIPTION	DATE	APPROVED
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CUSTOMER DRAWING			铭创科技（东莞）有限公司			
UNITS mm	SCALE 1:1	SHEET 3 OF 3	Mingchuang Technology (Dongguan) Co., Ltd			
PROJECTION: 		DRAW: DAP	TITLE 防水TYPE C母座6PIN 板上四脚插板SMT L=7.7 点胶 IPX8			
GENERAL TOLERANCE .000 ±0.02 .00 ±0.10 .0 ±0.20 .0 ±2° .00 ±1°		CHECK: HWT	MAT'L SEE TABLE		FINISH SEE TABLE	
		APPD: HHM	DWG. NO. A01W0605A		PART NO. _____	SIZE A4