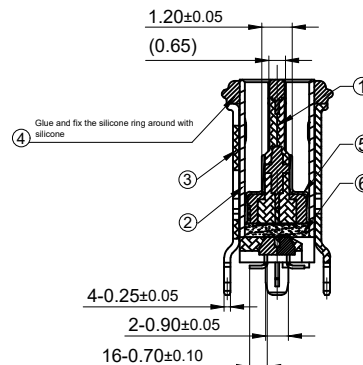
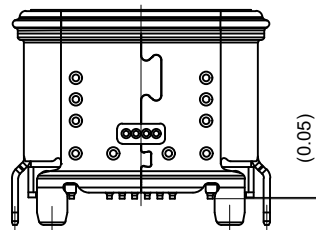
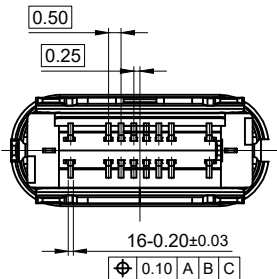
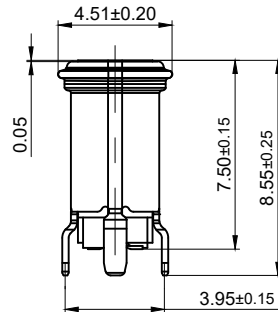
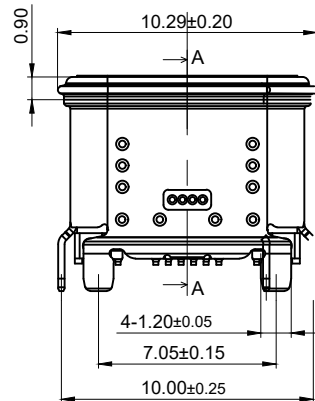
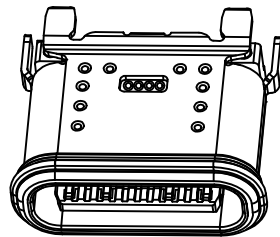
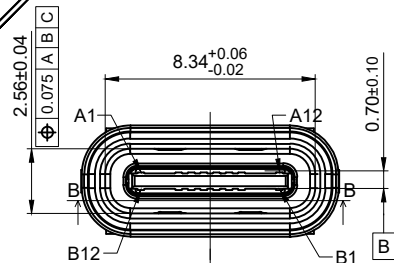
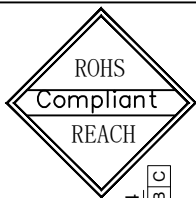
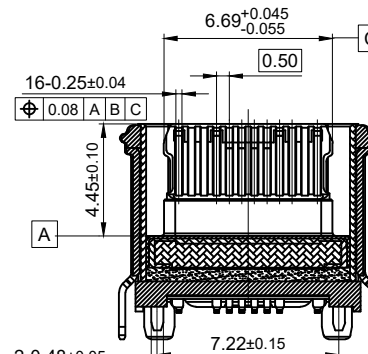




SECTION :A-A



SECTION :B-B



SPECIFICATIONS:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING:PA46 UL94 V-0(BK) .
- 1-2.CONTACTS: C7025
- 1-3.SHELL: STAINLESS STEEL.
- 1-4.MIDDLE PLATE:STAINLESS STEEL
- 1-5.EMC:STAINLESS STEEL
- 1-6.WATERPROOF RING:SILICONE

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au 1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- (GOLD PLATING THICKNESS FOLLOW THE P/N)
- 100u" MIN MATTE TIN PLATED ON SOLDER AREA.

2-2.FRONT SHELL:

- Ni 50u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 6-20N.
- 3-2.REMOVAL FORCE: 8-20N(6-20N AFTER DURABILITY).
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING:1.25A FOR VBUS & GND PER,0.25A FOR OTHER VOLTAGE RATING:20V
- 4-2. LLCR: VBUS & GND PINS: 30mΩ/PIN MAX. LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25°C~+85°C.

6.RoHS COMPLIANT.

7.IR REFLOW:

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

CUSTOMER DRAWING

UNITS mm	SCALE 1:1	SHEET 1 OF 4
PROJECTION: 	DRAW: DAP	CHECK: HWT
GENERAL TOLERANCE .X 0.50 .XX 0.25 .XXX 0.10	APPD: HHM	

铭创科技（东莞）有限公司

Mingchuang Technology (Dongguan) Co., Ltd

TITLE

防水TYPE C母座16PIN 立式六脚插板SMT
L=7.5 分PIN

MAT'L

SEE TABLE

FINISH

SEE TABLE

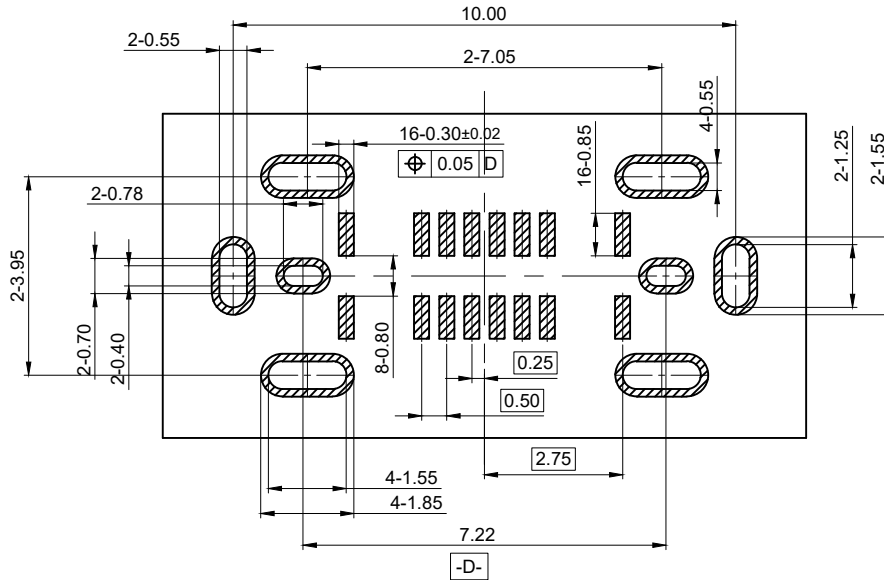
DWG. NO.

A04W1609A

PART NO.

SIZE

A4



RECOMMENDED PCB LAYOUT (SCALE 2:1)
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

REV	DESCRIPTION	DATE	APPROVED

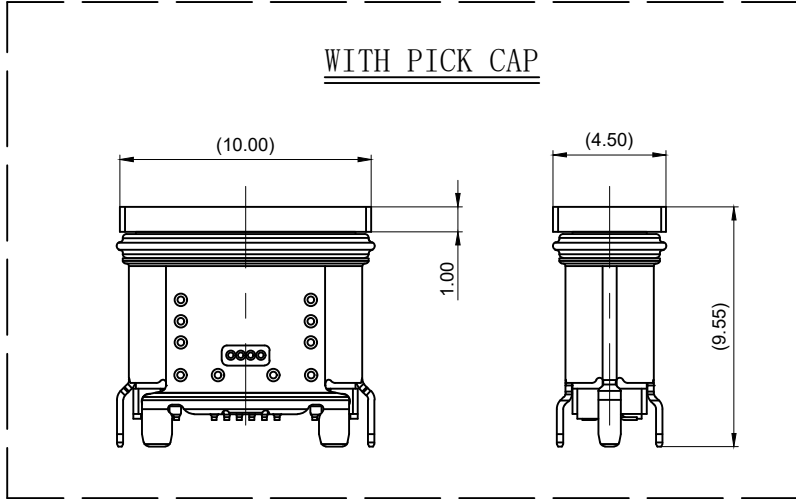
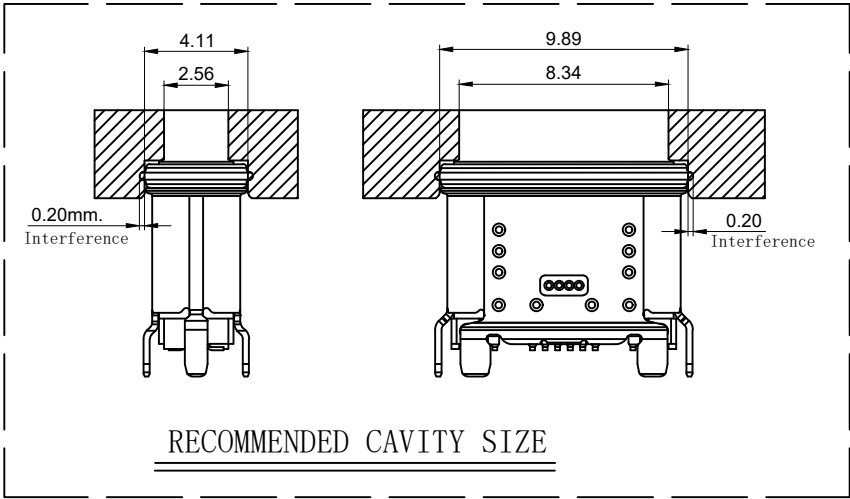
USB TYPE-C FULL-FEATURED RECEPTACLE
INTERFACE PIN ASSIGNMENTS

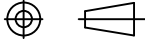
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return	B1	GND	Ground return

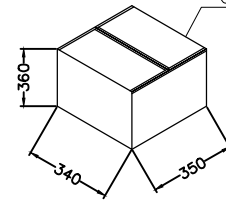
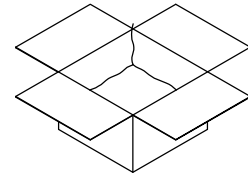
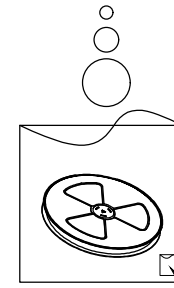
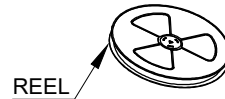
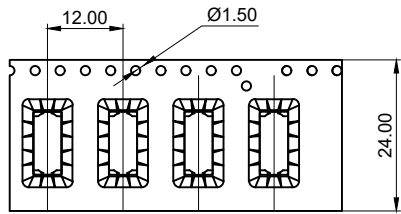
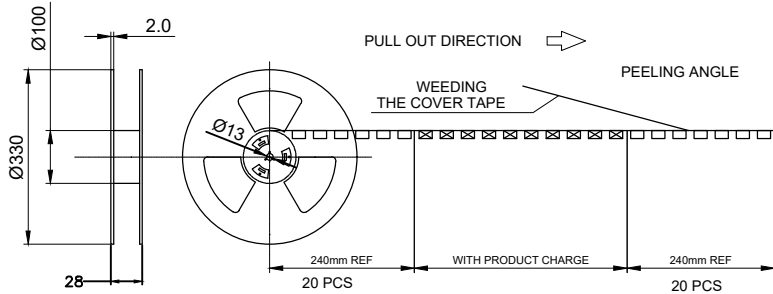
CUSTOMER DRAWING			铭创科技（东莞）有限公司		
UNITS mm	SCALE 1:1	SHEET 2 OF 4	Mingchuang Technology (Dongguan) Co., Ltd		
PROJECTION: 	DRAW: DAP		TITLE 防水TYPE C母座16PIN 立式六脚插板SMT L=7.5 分PIN		
GENERAL TOLERANCE .X 0.50 .XX 0.25 .XXX 0.10	CHECK: HWT		MAT'L SEE TABLE		FINISH SEE TABLE
	APPD: HHM		DWG. NO. A04W1609A		PART NO. _____
					SIZE A4



REV	DESCRIPTION	DATE	APPROVED



CUSTOMER DRAWING			铭创科技（东莞）有限公司		
UNITS mm	SCALE 1:1	SHEET 3 OF 4	Mingchuang Technology (Dongguan) Co., Ltd		
PROJECTION: 		DRAW: DAP	TITLE 防水TYPE C母座16PIN 立式六脚插板SMT L=7.5 分PIN		
GENERAL TOLERANCE .X 0.50 .XX 0.25 .XXX 0.10		CHECK: HWT	MAT'L SEE TABLE	FINISH SEE TABLE	
		APPD: HHM	DWG. NO. A04W1609A	PART NO. _____	SIZE A4



	REEL	CARTON
CONNECTOR (PCS)	520	5200

备注:

1. 包装数量: 520PCS/REEL, 10 REEL/CARTON, 共5200PCS.
2. 材料: 纸箱: 纤维板, 瓦楞, 双层壁.
3. 载带剥离强度: 0.1 ~ 1.3 N(10 ~ 130克)
4. 脱皮速度: 300mm /min.
5. 外箱上贴号物料标签及RoHS标签
6. 同一产品只能装同一纸箱, 不允其它产品;
7. 每个袋子都应包括干燥剂*1

CUSTOMER DRAWING			铭创科技(东莞)有限公司		
UNITS mm	SCALE 1:1	SHEET 4 OF 4	Mingchuang Technology (Dongguan) Co., Ltd		
PROJECTION: 	DRAW: DAP		TITLE 防水TYPE C母座16PIN 立式六脚插板SMT L=7.5 分PIN		
GENERAL TOLERANCE .X 0.50 .XX 0.25 .XXX 0.10		CHECK: HWT	MAT'L SEE TABLE	FINISH SEE TABLE	
		APPD: HHM	DWG. NO. A04W1609A	PART NO. _____	SIZE A4