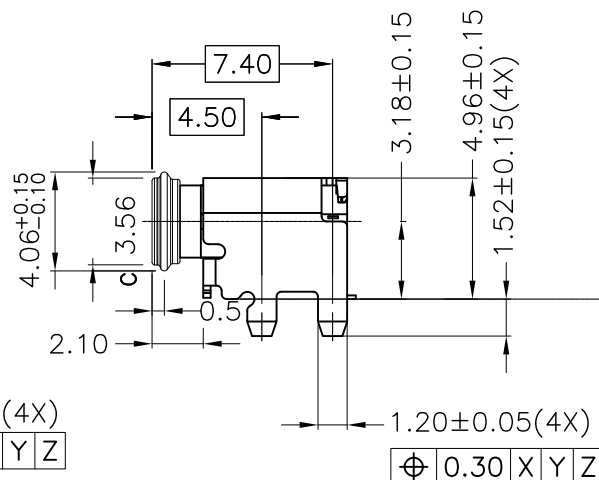
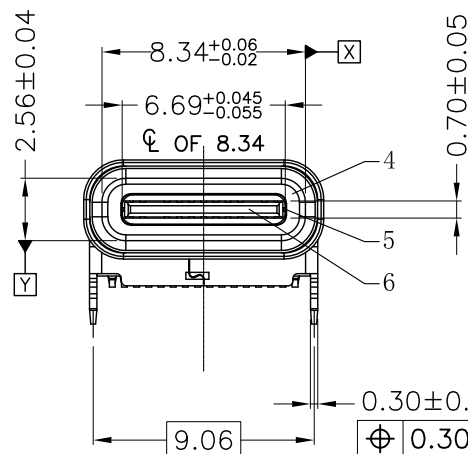
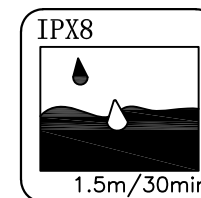
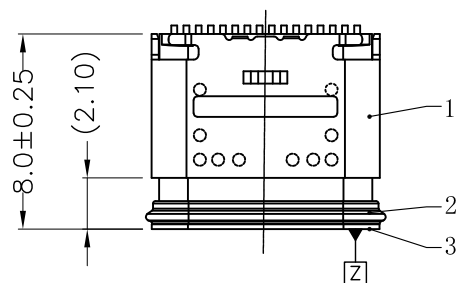
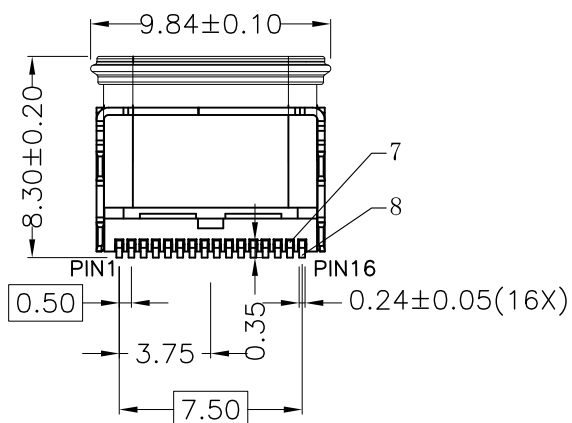


0.10 (16PIN SMT)



⑧	1	下端子	铜合金C7025 TM03	镀金3U"
⑦	1	上端子	铜合金C7025 TM03	镀金3U"
⑥	1	I/M	PA46	黑色
⑤	1	中隔片	不锈钢SUS301	水洗
④	1	EMI	不锈钢SUS304	电镀镍30U"
③	1	内铁壳	不锈钢SUS316	水洗
②	1	密封圈	液态硅胶成型	黑色 NJSILTMNJ-1005-50A/B
①	1	外铁壳	不锈钢304	电镀镍50U"
⑨	1	胶水	黑色环氧胶	
序号	数量	零件名称	材料	镀层



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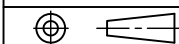
TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X.* ±2* X.X* ±0.5*



UNIT: mm [inch]

SCALE:1:1 SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

PART NAME:

USB TYPE C 防水母座16P 板上垫高0.3.18mm 带防水胶圈

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYCW599-USBC16-318B

APPROVED BY:

邱敏

DATE :

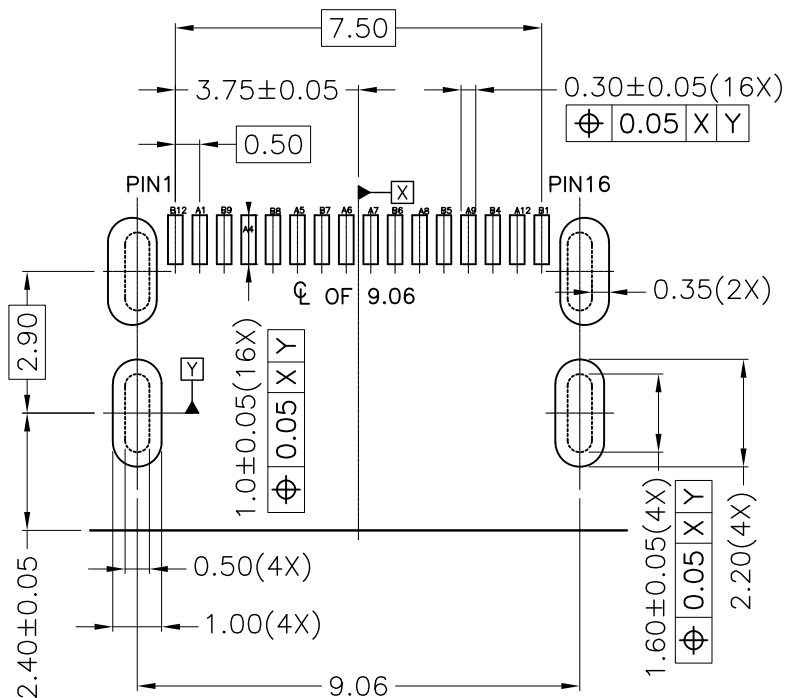
2014-02-23

DRAW NO:

HYC-2411291446

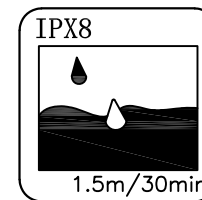
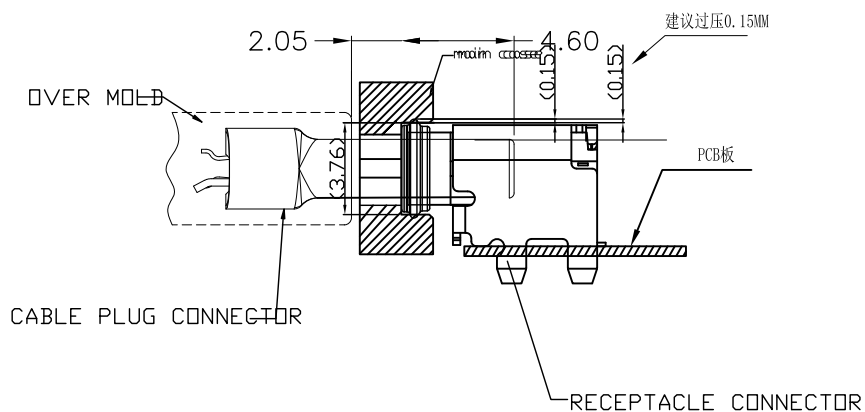
SHEET NO.

1 OF 1



RECOMMENDED PCB LAYOUT(TOP VIEW)

PCB THICKNESS 1.72±0.05MM



Notes:

1. ELECTRICAL characteristics:

1-1. Dielectric withstand: 300V AC/1minute.

1-2. Current rating:

Vbus and GND contact: ≥1.25A/pin, Paralleled for a total of 5A Min
Other contacts: ≥0.25A/pin

1-3. Initial LLCR 40mΩ max, after test Δ10mΩ max:

40mΩ MAX. FOR VBUS, GND AND OTHER CONTACTS,

50mΩ MAX. FINAL AFTER TEST.

1-4. Insulation Resistance: 1000MΩ Min

2: Mechanical characteristics

2-1 Insert force: 5~20N MAX.

Withdraw force: 8~20N, after test: 6~20N

2-2 Durability: 10000 cycles min

2-3 Laser point: Height < 0.05mm, Pulling force > 50N

3: Environment characteristics

3-1 Operating temperature: -40~+85℃

3-2 Salty spray: 48 hours (EIA-364-26B-B)

4. Burr: 0.05MM MAX.

5. Tape and reel packing satisfy EIA-364-481 standard

Pin	Signal	Description	Mating Sequence	Description	Signal	Pin
2	A1	GND	First	Ground return	GND	B12
/	A2	TX1+	Second	/	RX1+	B11
/	A3	TX1-	Second	/	RX1-	B10
4	A4	VBUS	First	Bus Power	VBUS	B9
6	A5	CC1	Second	Sideband Use (SBU)	SBU2	B8
8	A6	D+	Second	Negative half of the USB 2.0 differential pair-Position 2	D-	B7
9	A7	D-	Second	Positive half of the USB 2.0 differential pair-Position 2	D+	B6
11	A8	SBU1	Second	Configuration Channel	CC2	B5
13	A9	VBUS	First	Bus Power	VBUS	B4
/	A10	RX2-	Second	/	TX2-	B3
/	A11	RX2+	Second	/	TX2+	B2
15	A12	GND	First	Ground return	GND	B1



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TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X' ±0.5'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: USB TYPE C 防水母座16P 板上垫高0.18mm 带防水胶圈	
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYCW599-USBC16-318B	MOLD NO.
	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO: HYC-2411291446	SHEET NO. 1 OF 1
	UNIT: mm [inch] SCALE: 1:1 SIZE: A4			