

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

1-1. RATING: 1.8A (PIN1/5), 0.5A (PIN2/3/4)

1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)

1-3. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC FOR ONE MINUTE.

1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC

2. MECHANICAL CHARACTERISTICS:

2-1. INSERTION FORCE : 3.6 KGF (MAX)

2-2. WITHDRAWAL FORCE : 0.8 KGF(Reference)

3. DURABILITY: 10,000 CYCLES .

4. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX7(1m,30min)

5. PLUG INTERFACE DIMENSIONS COMFORM TO USB2.0 SPEC.

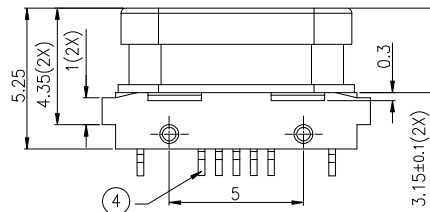
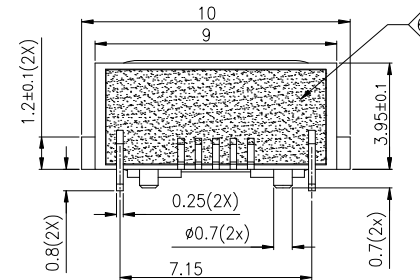
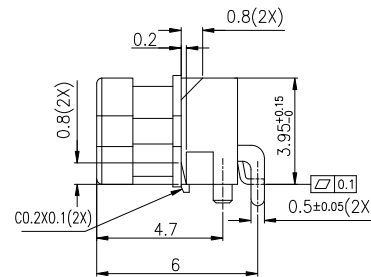
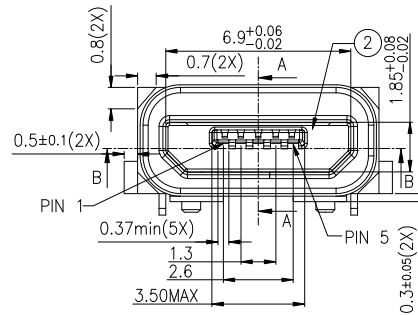
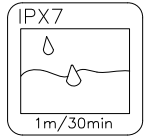
6. OVAL RING

6-1. The amount of low molecular siloxanes(D3~D10)is less than 200ppm

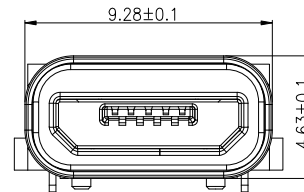
6-2. Hardness of silicone rubber:70°

7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

8. PACKAGING: TAPE & REEL.



Oval Ring assembly state:



6	BOND	_____	_____	1
5	OVAL RING	_____	_____	1
4	CONTACT	COPPER ALLOY T=0.20	Under plating: Ni plating Contact area: Gold flash plating Soldering area: Sn plating	5
3	SHELL	STAINLESS STEEL T=0.25	1st: Cu, 2nd: Ni PLATED	1
2	INSERT MOLDING	PA9T UL94 V-0	COLOR BLACK	1
1	HOUSING	PA9T UL94 V-0	COLOR BLACK	1
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

Guangdong Tengjun Electronic Technology Co., Ltd

DRAWING NO:

JV05-BPS002-A



REV A0

SIZE: A4



PART NAME

Mirco USB Waterproof Connector

PART NO.

JV05-BPS002-A

TOLERANCE UNLESS OTHERWISE SPECIFIED:

X ±0.2
X.X ±0.15
X.XX ±0.10
X.XXX ±0.050

DRAWING:

Li

DATE:

2019.11.12

SCALE

1:1

CHECK:

Chen

DATE:

2019.11.12

SHEET

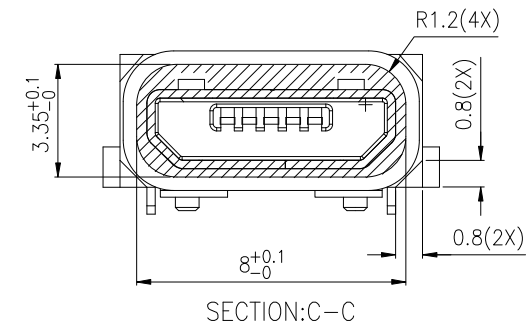
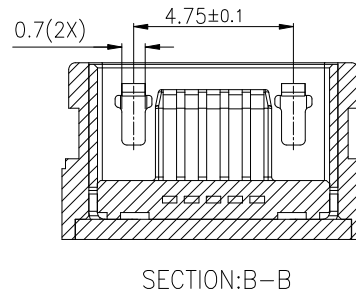
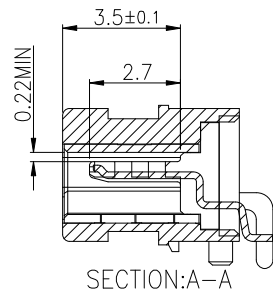
1/1

APPROVAL:

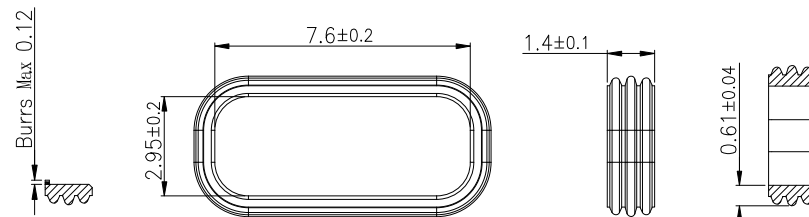
Yuan

DATE:

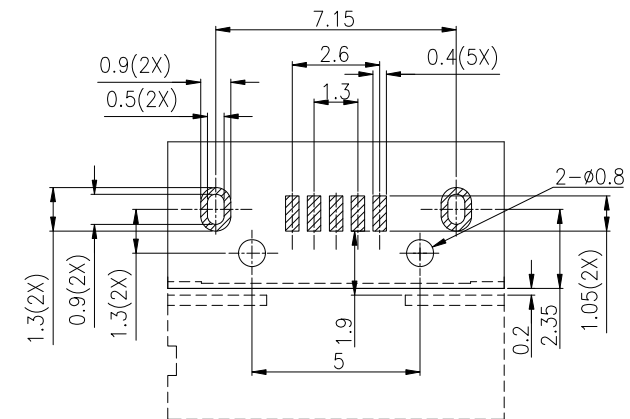
2019.11.12



Oval ring drawing: ⑤



注:防水圈不用组装在产品上,要与产品配套单独出货。
Note:Waterproof ring need not assembled on the product,
to form a complete set of product shipped separately.



Recommended PCB Layout
Tolerance: ± 0.1 (Top view)

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X.X ± 0.15
X.XX ± 0.10
X.XXX ± 0.050

DRAWING:

Li

DATE:

2019.11.12

CHECK:

Chen

DATE:

2019.11.12

APPROVAL:

Yuan

DATE:

2019.11.12

SHEET

1/1