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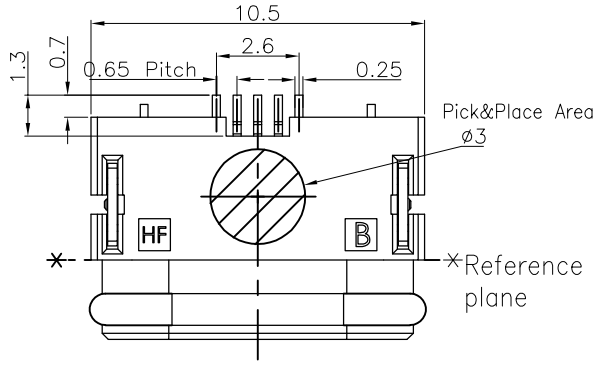
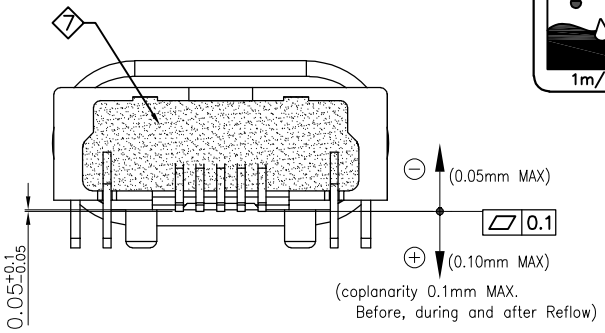
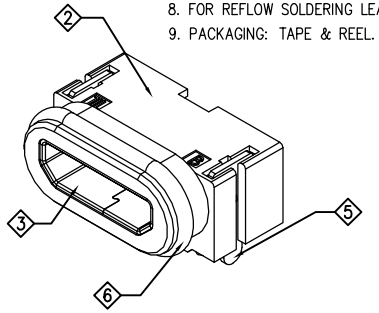
REV.	DESCRIPTION	DESIGN
A0	初版发行	

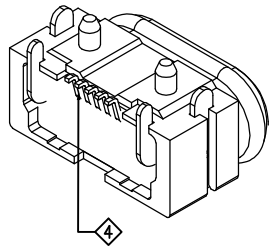


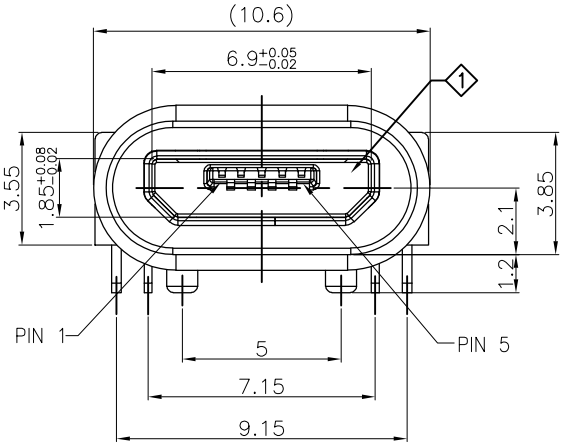


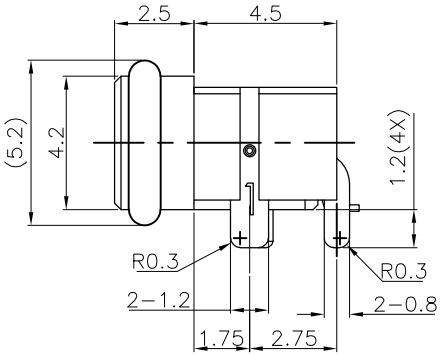
SPECIFICATIONS:

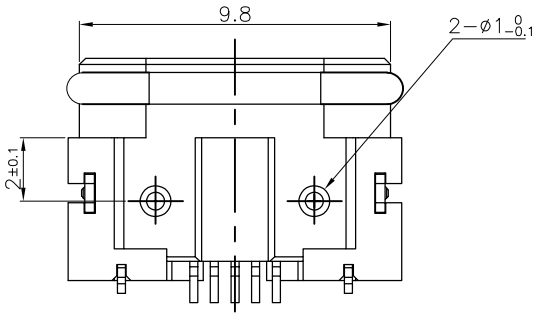
1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING: 1.8A (PIN1/5), 0.5A (PIN2/3/4)
   1-2. CONTACT RESISTANCE: 30m MAX.(INITIAL)
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 100M MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 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°
   6-3. Horizontal flash 0.1max; Longitudinal flash 0.10max
7. BODY WITH O-RING'S SEAL AREA BURRS IS 0.05mm Max.
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PACKAGING: TAPE & REEL.

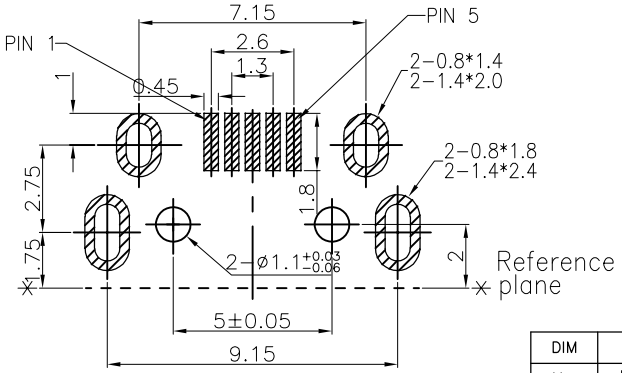












ITEM	PART NAME	TERMINAL	QTY	MATERIAL	REMARK
7	BOND	----	1	----	----
6	Oval ring	----	1	----	----
5	TERMINAL	----	2	Copper Alloy T=0.3	Under plating: Ni plating All area: Sn plating
4	CONTACT	No.1 – No.5	5	Copper Alloy T=0.20	Under plating: Ni plating Contact area: Gold flash plating Soldering area: Sn plating
3	SHELL	----	1	Stainless Steel T=0.25	1st: Cu, 2nd: Ni PLATED
2	COVER	----	1	PA9T(BLACK)	UL-94V-0
1	HOUSING	----	1	LCP(BLACK)	UL-94V-0

DIM	TOL	DIM	TOL
X.	±0.20	X°	± 2°
.X	±0.10	.X°	± 1°
.XX	±0.05	.XX°	± 0.5°
.XXX	±0.03		

东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONI CS CO., LTD.

PART NO.: XB-1185-3.85	TITLE: Mirco USB Waterproof Connector
APPD: Jackbin. ZOU 2014.9.10	DWG NO.: XB-W50-0000-0030
CHKD: Jackbin. ZOU 2014.9.10	
DR: X.L. ZOU 2014.9.10	UNITS: mm; SCALE: N/A; SHEET: 1/1; REV.: A0

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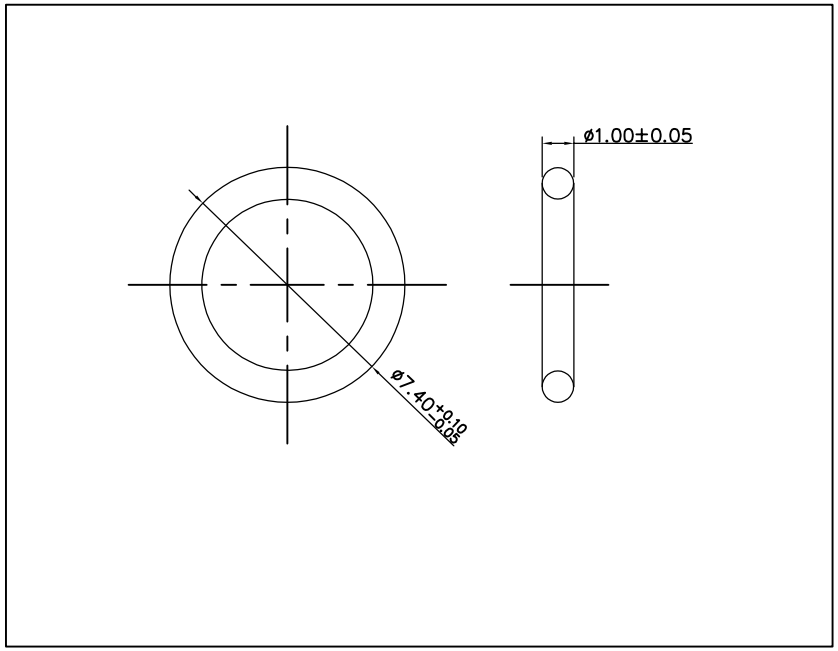

DIM	TOL	DIM	TOL
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.X	±0.10	.X°	±1°
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.XXX	±0.03		

东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONI CS CO., LTD.

PART NO.: XB-1185-3.85 胶圈图	TITLE: Mirco USB Waterproof Connector
APPD: Jackbin. ZOU 2014.9.10	DWG NO.: XB-W50-0000-0030-b
CHKD: Jackbin. ZOU 2014.9.10	
DR: X.L. ZOU 2014.9.10	

UNITS	SCALE	SHEET	REV.
mm	N/A	1/1	A0