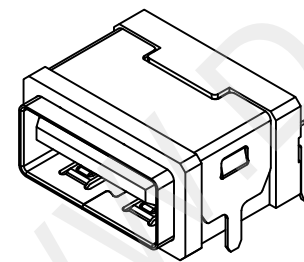


注：防水圈是圆形截面，直径为1.0mm的硅胶圈，防水圈挤压力，由1.0mm挤压到0.4mm ~ 0.5mm，防水效果好



NOTE:

1.MATERIAL:

- 1.1 INSULATOR:PA10T UL94V-0, BLACK
- 1.2 CONTACT:C7025(T=0.25mm)
- 1.3 SHELL:SUS304 (T=0.30mm)
- 2.ELECTRICAL CHARACTERISTICS:
- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V

R.M.S:

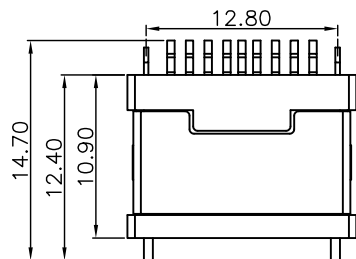
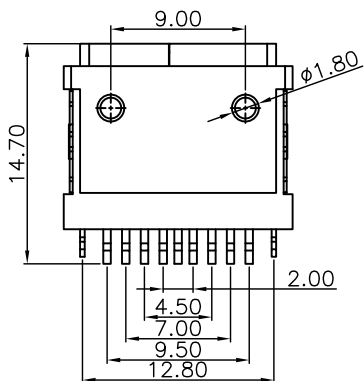
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

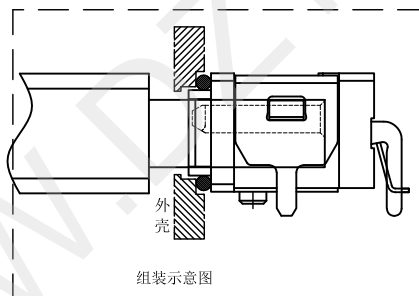
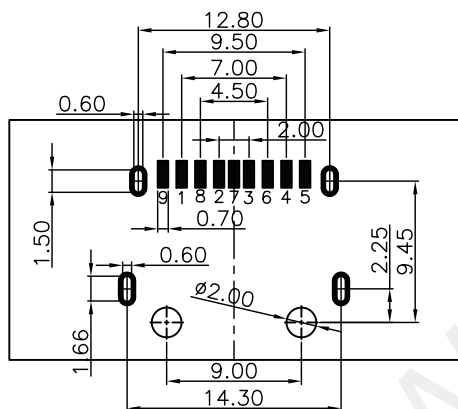
- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:5,000 CYCLES

4.PLATING

- 4.1 TERMINAL:
 - 30u" MIN. Ni UNDERPLATED OVERALL
 - 80u"MIN. Tin PLATED ON SOLDER AREA
 - 1u" PLATED ON CONTACT AREA
- 4.2 SHELL:50u"MIN. Ni PLATED OVERALL
- 5.DESIGN FOR WATERPROOF WITH IPX7(WATER SLOT WITH 1.0MM&30MINUTES)



Pin #	SIGNAL NAME	DESCRIPTION
1	VBUS	POWER
2	D-	USB 2.0 DIFFERENTIAL PAIR
3	D+	DIFFERENTIAL PAIR
4	GND	GROUND FOR POWER RETURN
5	Std_A_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	Std_A_SSRX+	DIFFERENTIAL PAIR
7	GND_DRAIN	GROUND FOR SIGNAL RETURN
8	Std_A_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR
9	Std_A_SSTX+	DIFFERENTIAL PAIR
Shell	Shield	CONNECTOR METAL SHELL



5	OUTER Shell	1	SUS 304 Ni 50U"	T=0.20mm
4	Inner Shell	1	SUS 304 Ni 50U"	T=0.30mm
3	PLASTIC Shell	1	PA10T (G.F30%)	
2	Contact	9	C7025 Ni 50U" Au1U" Plating Solder area Sn 80-120U"	T=0.25mm
1	Housing	1	PA10T (G.F30%)	
ITEM	PART NAME	Q' TY	FINISH	NOTE



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<p>TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X.' ±2' X.X' ±0.5'</p> <p>UNIT: mm [inch] SCALE:1:1 SIZE: A4</p>	<p>DRAWN BY : 陈一鸣</p>	<p>DATE : 2014-02-23</p>	<p>PART NAME: 防水USB 3.0 AF 板上型 有柱</p>
	<p>CHECKED BY: 马跃</p>	<p>DATE : 2014-02-23</p>	<p>PART NO. HVC174-USB A09-124</p>
<p>APPROVED BY: 邱敏</p>	<p>DATE : 2014-02-23</p>	<p>DRAW NO: HVC-2512081033</p>	<p>SHEET NO. 1 OF 1</p>