

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 CONTACTRESISTANCE: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+	
4	GND	GROUND FOR POWER RETURN
5	SldA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	SldA_SSRX+	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN
8	SldA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR
9	SldA_SSTX+	
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



深圳市华宇创精密电子有限公司

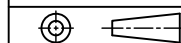
TOLERANCE:

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:

防水USB 3.0 AF 板上型 有柱

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYC174-USB A09-124

MOLD NO.

DRAW NO:

HYC-2512081033

SHEET NO.

1 OF 1