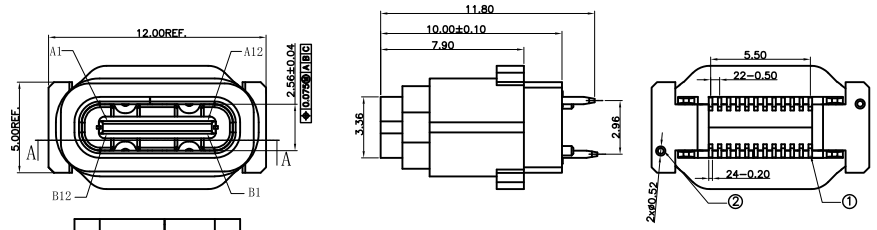


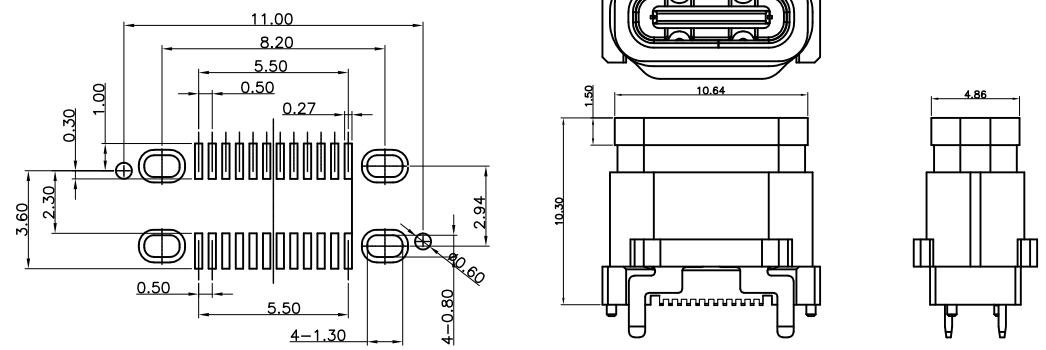
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFAC PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	Vcc	Bus Power	B9	Vcc	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use(SB0)
A6	Dn1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SR01	Sideband Use(SB0)	B5	CC2	Configuration Channel
A9	Vcc	Bus Power	B4	Vcc	Bus Power
A12	GND	Ground return	B1	GND	Ground return



NOTE:
 1. MATERIAL:
 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color
 1.2 CONTACT: C7025 (T=0.12mm)
 1.3 SHELL: STAINLESS STEEL (T=0.40mm)
 1.4 MID PLATE: STAINLESS STEEL (T=0.15mm)
 2. ELECTRICAL CHARACTERISTICS:
 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN (PIN A1, A4, A9, A12, B1, B4, B9, B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.
 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 2.4 INSULATION RESISTANCE 100MΩ Min
 2.5 OPERATING TEMPERATURE: -40° C ~ 85° C
 3. MECHANICAL CHARACTERISTICS:
 3.1 MATING FORCE: 5~20 N.
 3.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST
 3.3 DURABILITY: 10,000 CYCLES
 4. PLATING
 4.1 TERMINAL CONTACT: Au 3u" PLATING ON CONTACT AREA; TIN 50u" Min TING ON SOLDER TAIL, NI 50u" Min UNDERPLATING OVERALL.
 4.2 SHELL: 50u" Min. NICKEL ALL OVER,
 4.3 MID PLATE: CLEAN

加防水圈示意图

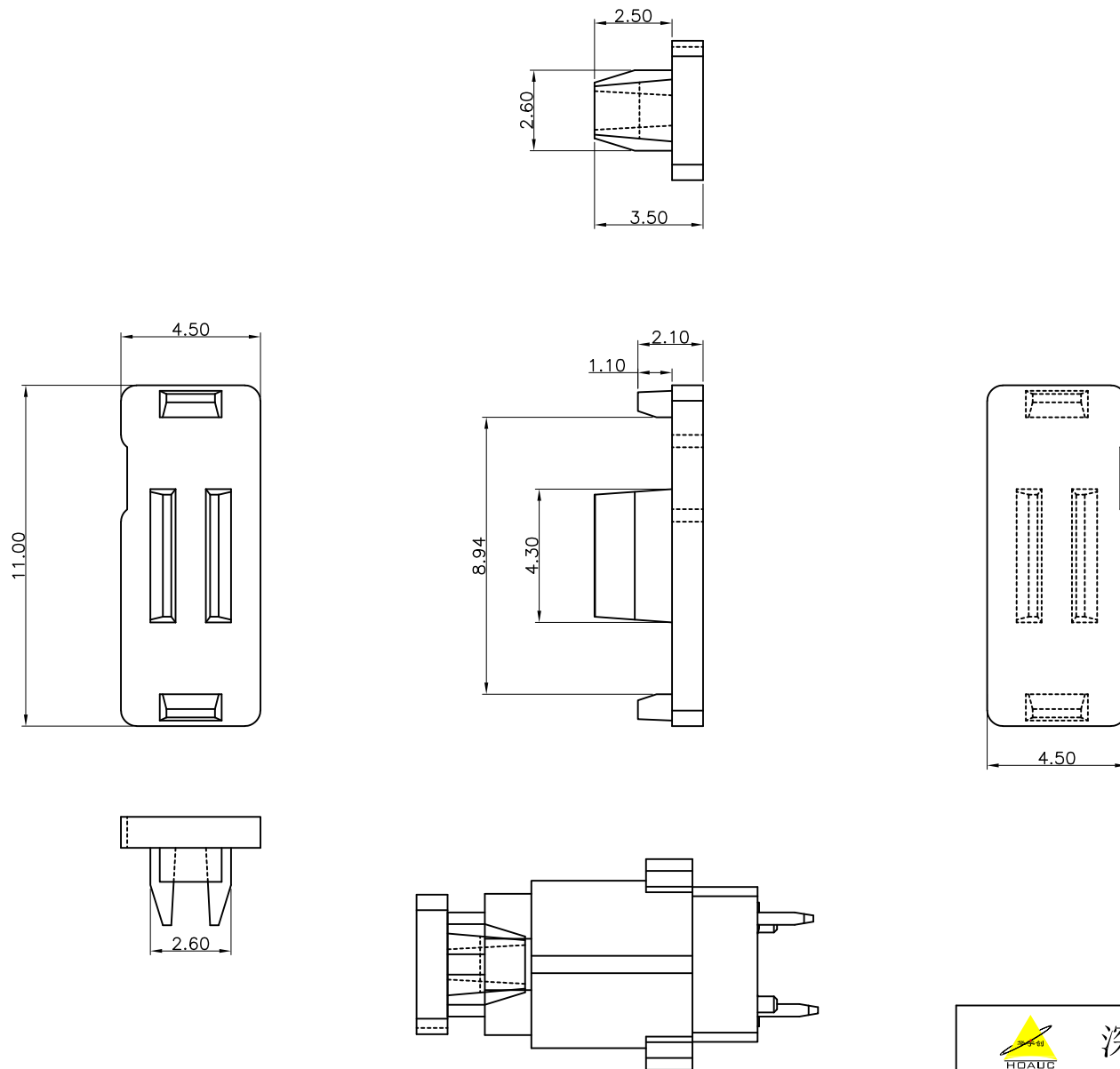


RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
 TOLERANCE UNSPECIFIED ±0.05mm




NO.	DESCRIPTION	MATERIAL	REMARKS	QTY	盐雾	PACKAGING
5	CAP	LCP 6007AS UL94V-0	BLACK	1PCS		
4	SHELL	SUS304 T=0.40mm	Ni 50u" Min Plated	1PCS		
3	LATCH	SUS301-H T=0.15mm	NO PLATED	1PCS	48H	Reel
2	CONTACT	C7025 T=0.12mm	Au 3u" PLATING ON CONTACT AREA; TIN 50u" Min TING ON SOLDER TAIL; NI 50u" Min UNDERPLATING OVERALL.	1SET		
1	HOUSING	LCP UL94V-0	LCP BLACK UL94V-0	1PCS		

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'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: USB TYPE C 防水母座24P 立贴H=10.0 脚长1.8
	CHECKED BY : 马跃	DATE : 2014-02-23	PART NO. : HYCW417-USBC24-180B
UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY : 邱敏	DATE : 2014-02-23	DRAW NO. : HYC-2212201742
			SHEET NO. : 1 OF 1



加CAP示意图

 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'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: 后塞	
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. _____	MOLD NO. _____
  UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO: _____	SHEET NO. 1 OF 1