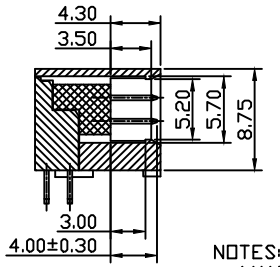
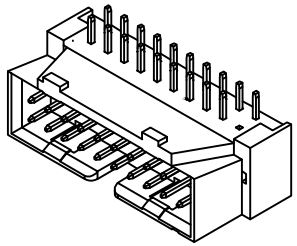


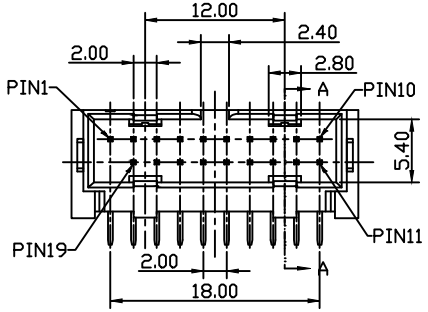
SECTION A-A

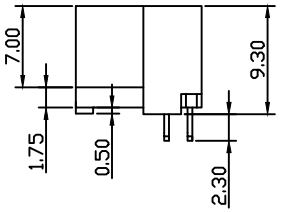


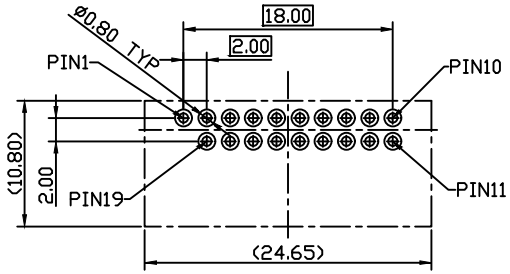
SECTION A-A



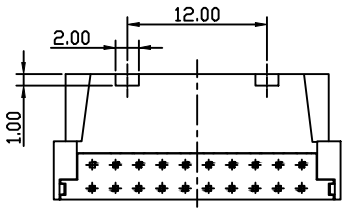
NOTES:
1.MATERIAL SPECIFICATION:
1-1.HOUSING: PA6T,UL94-V0
1-2.CONTACTS: BRASS
2.PLATING SPECIFICATION:
2-1.NI 50u"MIN. UNDER PLATED OVER ALL.
2-2.Au PLATING ON CONTACT AREA.
2-3.TIN 100u"MIN PLATING ON CONTACT SOLDER
3.MECHANICAL PERFORMANCE:
3-1.INSERTION FORCE: 35N MAX.
3-2.REMOVAL FORCE: 15N MIN.
4.ELECTRICAL PERFORMANCE:
4-1.CURRENT RATING: 1A/PIN MIN EXCEPT THAT VBUS PIN IS 1.5A
4-2.LLCR: INITIAL 30mΩ OF A MATED CONNECTOR LLCR MAX. CHANGE OF ALL PINS 20mΩ IMPEDANCE: 78~105Ω DURING 50PS WITH TDR.
4-3.INSULATION RESISTANCE: 100MΩ MIN.
4-4.DIELECRIC WITHSTAND VOLTAGE: AC 500V FOR 1 MINUTE.
5.ENVIRONMENT COMPLIANT& COLOR REFER TO TABLE.
6:Operating temperature:-20 °C+85 °C







RECOMMENDED PCB LAYOUT
PCB THICKNESS IS 1.60mm
DEFAULT TOLERANCE ±0.05



usb 20p dip-001

3		
2		
1		
項目	變更內容	日 期

制 作	審 核	核 准	比 例		客戶名稱：
余加民	余加民	王子豪	單 位	mm	鈺緯科技開發股份有限公司
福盈電子有限公司 FUW YNG ELECTRONICS CO.,LTD			版本/版次	A0	機種：
			頁 次	1/1	料號：
			制作日期	2024.07.18	圖紙編號：DI13071801