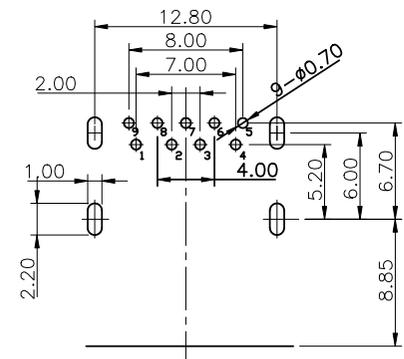
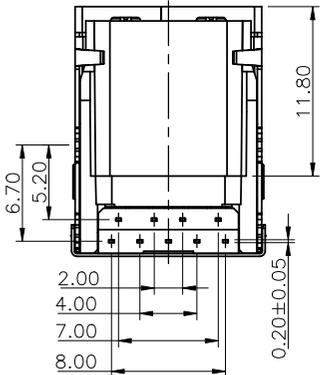
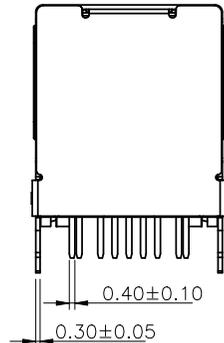
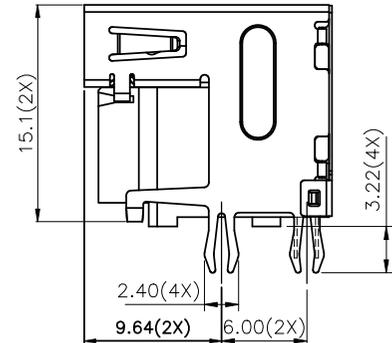
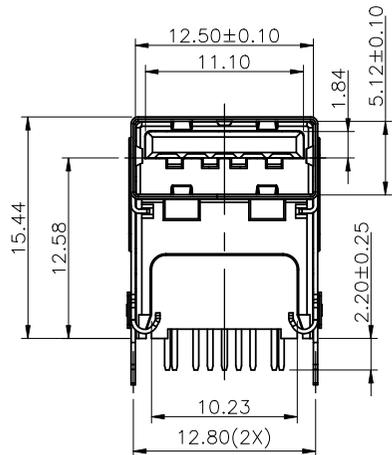
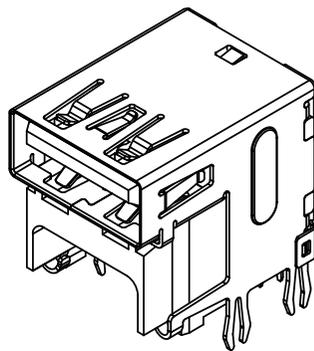


Contact Number	Signal Name
PIN1	VBUS
PIN2	D-
PIN3	D+
PIN4	GND
PIN5	StdA_SSRX-
PIN6	StdA_SSRX+
PIN7	GND_DRAIN
PIN8	StdA_SSTX-
PIN9	StdA_SSTX+
Shell	Shield



RECOMMEND P.C.B LAYOUT (TOLERANCES ±0.05mm)
(COMPONENT SIDE) THICKNESS=1.6mm

NOTE:

- MATERIAL:
 - HOUSING: PA66 UL94-V0,Blue
 - MOLDING HOUSING: PA66 UL94-V0,Blue
 - CONTACT 4PIN:C5191 (T=0.25mm)
 - CONTACT 5PIN:C2680 (T=0.20mm)
 - FRONT SHELL:SUS304(T=0.30mm)
 - BACK SHELL: SUS304(T=0.20mm)
- PLATING SPECIFICATION:
 - USB 3.1 TERMINAL:
 - Ni 50u"Min. UNDER PLATED,
 - Au1u" PLATED ON THE CONATCT AREA.
 - AND MATTE TIN 80u"Min. PLATED ON THE SOLDER TALL.
 - FRONT SHELL
 - Ni 50u" Min. UNDER PLATED ON SOLDER AREA,
 - MATTE TIN 80u: Min. PLATED ON SOLDER AREA.
 - BACK SHELL: CLEANING.
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 35N Max.
 - WITHDRAWAL FORCE: 10N Min. INTIAL AND 8N Min. AFTER THE SPECIFIED INSERTION/EXTRACTION OR DURABILITY CYCLES (AT A MAX. RATE OF 12.5MM/MINUTE)
 - DURABILITY: 5,000 CYCLES
- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 30mΩ Max FOR INITIAL.
 - CONTACT CURRENT RATING: 1.8A FOR VBUS AND GND PIN; OTHER PINS:0.25A/PIN
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - INSULATION RESISTANCE 100MΩ Min
 - OPERATING TEMPERATURE: -40°C ~ 85°C
- WAVE SOLDER:

THE CONNECTOR SHALL BE MOUNTED ON THE PCB, THE TEMPERATURE OF THE SOLDER SHALL BE 270°C AND IMMERSION DURATION 10 SECONDS.
- PART NO.

D 01 - C 124 - 009 01

SERIES D 01 - C 124 - 009 01 TYPE NO. 01=Type 1
 D=I/O Connector CONN TYPE NO. 01=type 1
 FORM OF FACTORY C=Connector of factory



華大電子股份有限公司
WALTA ELECTRONIC CO.,LTD.
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REV. 版本	ECN NO. 設變號碼	MARK 記號	REVISIONS 設變內容	SIGN 修改	DATE 日期	UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差 X. ±0.50 .X ±0.30 .XX ±0.20 ANG. ±5°00'	CHECKED 審核	DESIGNED 設計 zhijun 2024/8/15	UNIT 單位 MM	TITLE 產品名稱 USB 3.1 A/F 90°架高DIP CH=12.58mm 1/2
A	E2410-004	X 0	-	zhijun	2024/8/15		APPROVED 承認	DRAWN 製圖 zhijun 2024/8/15	SCALE 比例 1/1	PART NO. 產品料號 D01-C124-00901
									SIZE 尺寸 A4	DOC. NO. 文件編號 CUT-C124-012

