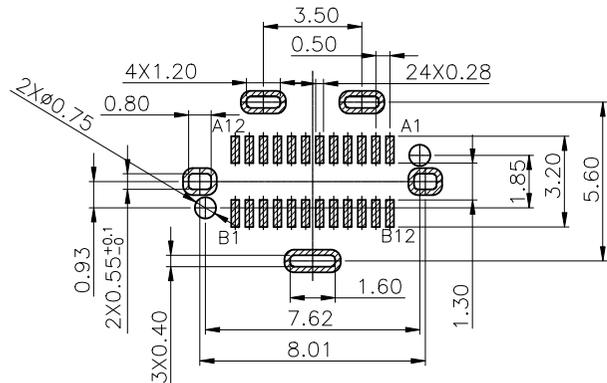
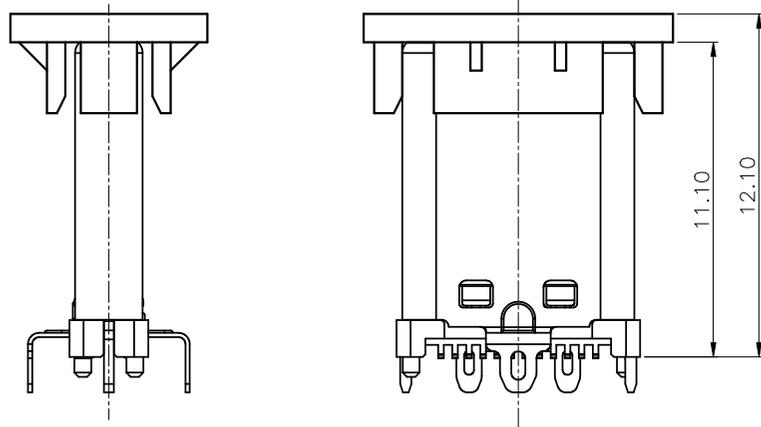
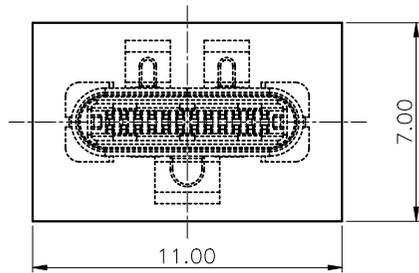


WITH CAP DRAWING



RECOMMENDED PCB LAYOUT(±0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

ITEM 項目	PARTS NAME 零件名稱	Q'TY 數量	MATERIAL 材質	FINISH/REMARK 處理/備註
1	SHELL	1	SUS304-1/2H,T=0.15	Ni:50u" MIN.
2	HOUSING	1	LCP-E130i	(Black)UL94 V-0
3	GND SPRING	2	SUS304-H,T=0.10	-
4	Insert molding HOUSING	2	LCP-E130i	(Black)UL94 V-0
5	CONTACT	24	C7025,T=0.15	Contact area:gold flash, Solder tails:Tin100u", Ni:50u"
6	LATCH	1	SUS301-H,T=0.35	Solder tails:Tin80u", Ni:50u"
7	CAP	1	LCP-E130i	(Black)UL94 V-0

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTxn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	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	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTx2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTx2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

SPECIFICATION
MATERIAL
See drawing
STANDARD DATA
Rating current:

5.0A for VBUS (i.e.,pins A4,A9,B4,B9)
1.25A for Vconn and GND (i.e.,pins B5,A1,A12,B1,B12)
0.25A for all the other contacts.
Operating temperature: -10°C ~ +60°C
Storage temperature: -20°C ~ +85°C

ELECTRICAL
Insulator resistance: 100Mohms Min.
Withstanding voltage: 100 VAC / minute
Contact resistance: initial 40mohms Max;
after 50mohms Max.

MECHANICAL
Mating force: 5~20N
Unmating force : Initial 8~20N
After 10000 cycles 6~20N
Durability: 10000 cycles Min.

PART NO.

U 03 - C 071 - 024 01

SERIES _____ TYPE NO.
USB Connector 01=Type 1
CONN TYPE NO. _____ CONTACT NUMBER
03=typeX 024= 24position
FORM OF FACTORY _____ FACTORY CODE
C=Connector of factory



WALTA 華大電子股份有限公司
WALTA ELECTRONIC CO.,LTD.
TEL:886-2-26577778;FAX:886-2-26575659

D	E2106-005	X 1	鐵殼DIP腳修改增加倒角	London	2021/7/28	UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差	CHECKED 審核	DESIGNED 設計	TANG	2017/4/19	TITLE 產品名稱	USB TYPE C 直立 SMT公頭
C	EXXXX-XXX	X 0	模具新開	Lonlon	2020/3/25	.X ±0.50					UNIT 單位	MM
B	EXXXX-XXX	X 0	修正LATCH厚度為0.40mm	Lonlon	2019/12/10	.X ±0.30	APPROVED 承認	DRAWN 製圖	TANG	2017/4/19	SCALE 比例	1/1
REV. 版本	ECN NO. 設變號碼	MARK 記號	REVISIONS 設變內容	SIGN 修改	DATE 日期	.XX ±0.20					PART NO. 產品料號	U03-C071-02401
						ANG. ±5'00'					DOC. NO. 文件編號	CUT-C071-003
												REV. 版本
												D

2/3

