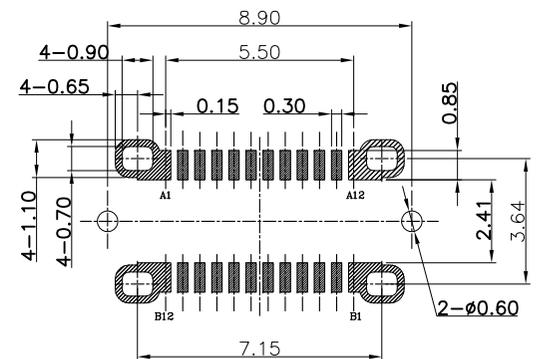
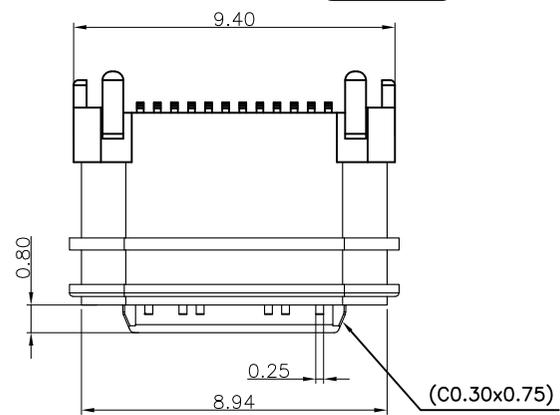


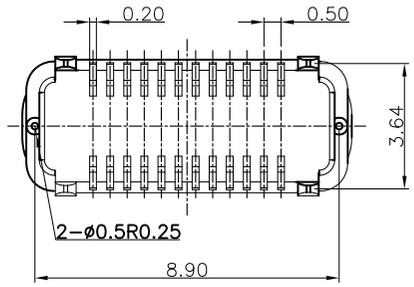
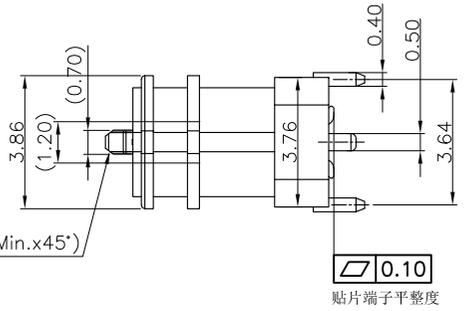
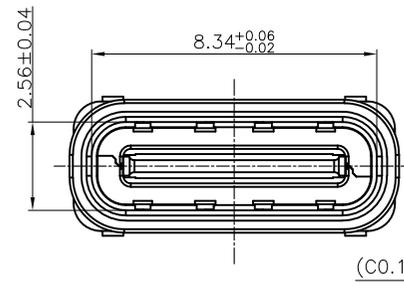
GP Component



REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/06/17	Ken Lin



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



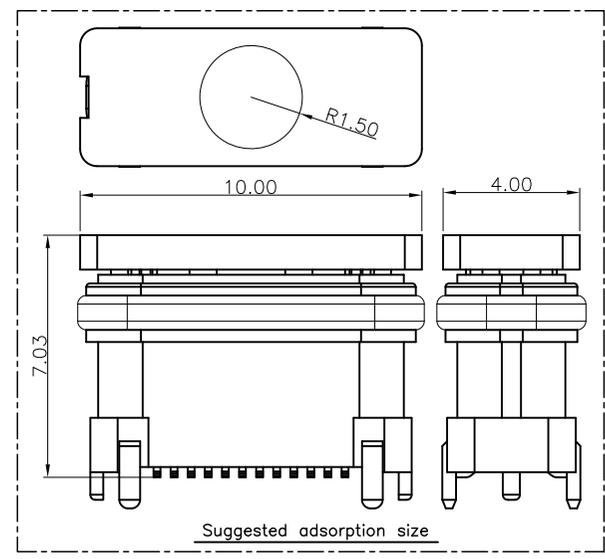
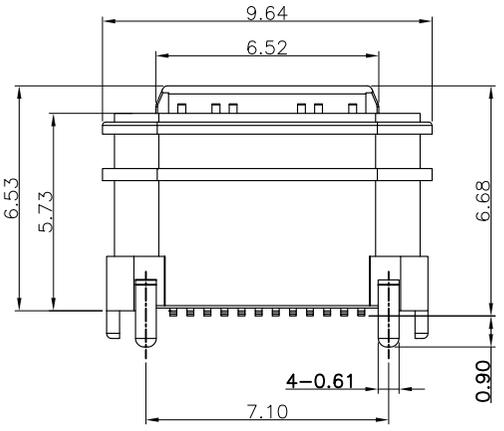
- NOTE:
- MATERIAL:
 - HOUSING: LCP, UL94 V-0, BLACK
 - CONTACT: C7025, T=0.20MM
 - SHELL: SUS304
 - ELECTRICAL:
 - CURRENT RATING:
 - VBUS AND GND CONTACTS RATED AT 1.25A PARALLELED FOR A TOTAL OF 5A;
 - INITIAL CONTACT RESISTANCE : 40 MEGOHMS
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC MIN;
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 5~20N
 - UNMATING FORCE: 8~20N (INITIAL), 6~20N (AFTER 10000 CYCLES)
 - FREQUENCY: 200±50 CYCLES/HOUR, DURABILITY: 10000 CYCLES
 - OPERATING TEMPERATURE: -40°C~85°C.

MATRIX PART NO:

MUSB12-01-724

MATRIX TYPE-C Series number

Plating
01:Gold Flash
15:15u"
30:30u"



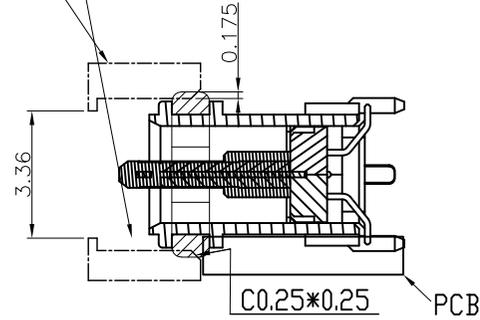
Matrix Electronics Co.,Ltd			
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 X.XXXX ±0.05 ANGLE: ±2	DESIGN BY : Ken Lin	DATE : 2022/06/17	PART NAME: USB 3.2 Gen2 Type-C 24Pin SMD, H6.68 母座/直立式 防水型, 外壳粉末冶金 IP67
	CHECKED BY: Hanson Huang	DATE : 2022/06/17	PART NO. MUSB12-01-724
	APPROVED BY1: Richard Hsieh	DATE : 2022/06/17	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2022/06/17	DRAW NO.
SCALE: 1:1 SIZE: A4			SHEET NO. 1 OF 2

GP Component

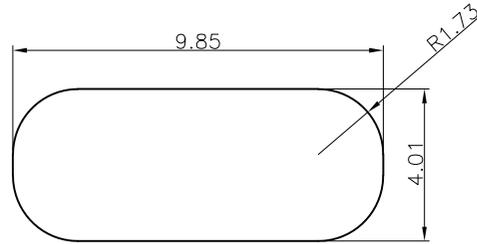


REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/06/17	Ken Lin

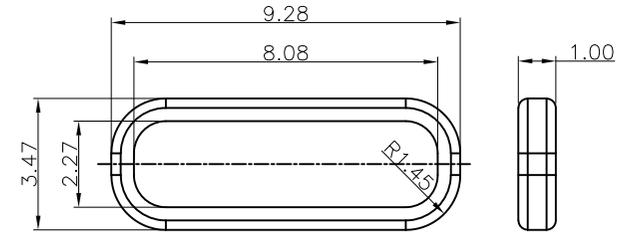
机壳与胶圈干涉建议单边0.15最小，胶圈尺寸跑上限



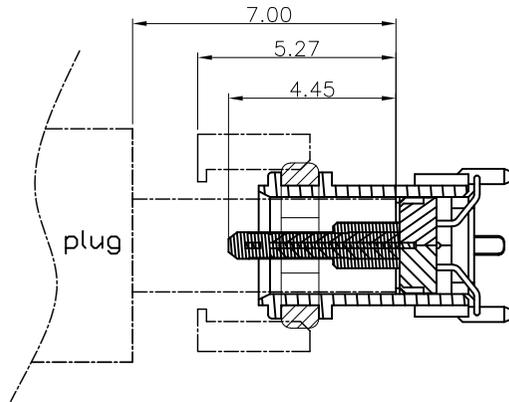
组装示意图



开孔尺寸参考
组装外壳时需要打环保润滑油



胶圈使用尺寸参考图



plug插入深度参考图

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND



Matrix Electronics Co., Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 X.XXXX ±0.05 ANGLE: ±2	DESIGN BY : Ken Lin	DATE : 2022/06/17	PART NAME: USB 3.2 Gen2 Type-C 24Pin SMD, H6.68 母座/直立式 防水型, 外壳粉末冶金 IPX7	
 UNIT: mm [inch] SCALE: 1:1 SIZE: A4	CHECKED BY: Hanson Huang	DATE : 2022/06/17	PART NO.	MUSB12-01-724
	APPROVED BY1: Richard Hsieh	DATE : 2022/06/17	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2022/06/17	DRAW NO.	
			SHEET NO.	2 OF 2