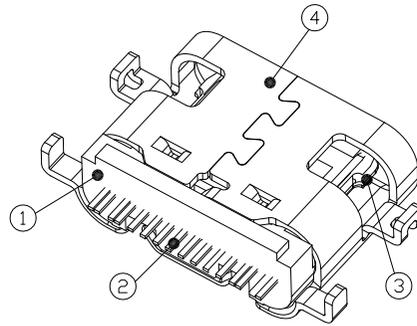
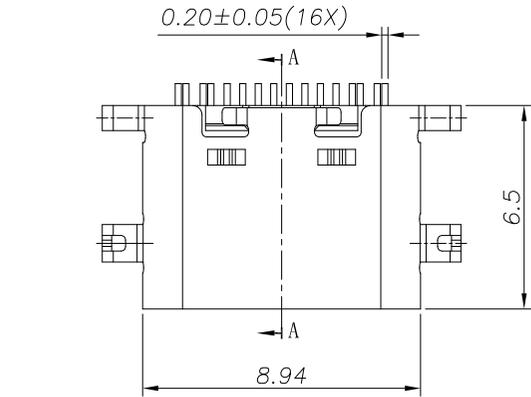


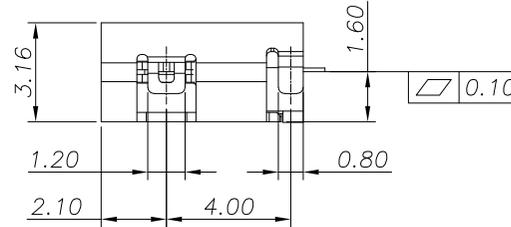
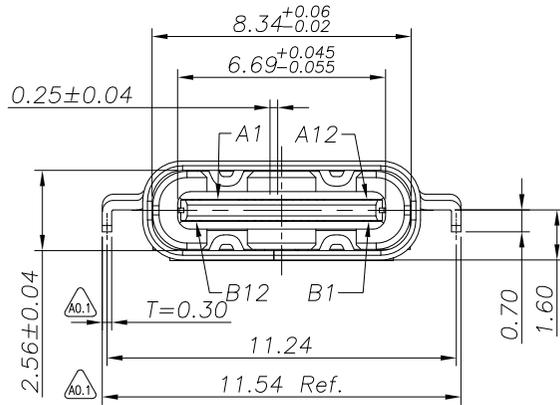
GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2021/11/30	Ken Lin
AO.1			Change Dim.	2023/04/21	Ken Lin



NOTE:

- Electrical Characteristics:
 - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(CC PIN)
0.25A For Others Pin
 - 1-2: VOLTAGE RATING:5.0V
 - 1-3: Insulation Resistance: 100MΩ Min.
 - 1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
- Mechanical Characteristics:
 - Insertion Force: 5~20N
 - Extraction Force: Initial: 8~20N
 - After durability: 6~20N
 - Durability :10000 Cycles
- Operating Temperature: -25°C TO +85°C

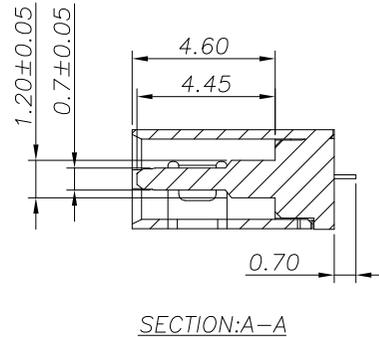
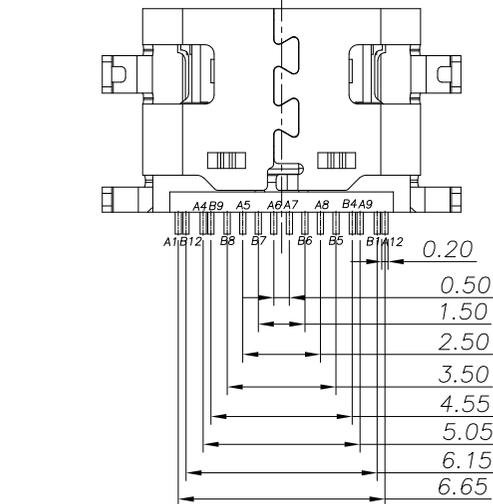


MATRIX PART NO:

MUSB12-03-658

MATRIX TYPE-C

Series number
Plating
01:Gold Flash
03:3u"
30:30u"



TYPE:

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
4	SHELL	SUS304 T=0.30mm	NICKEL 30u" MIN PLATING	1PCS
3	SHIELDING PLATE	SUS301 T=0.15mm	---	1PCS
2	CONTACT	C18150-H T=0.12mm	Ni 50u" MIN. UNDER PLATED OVER ALL Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING G/F OF THE SOLDER AREA	2SET
1	HOUSING	PA9T UL94V-0	BLACK	1PCS

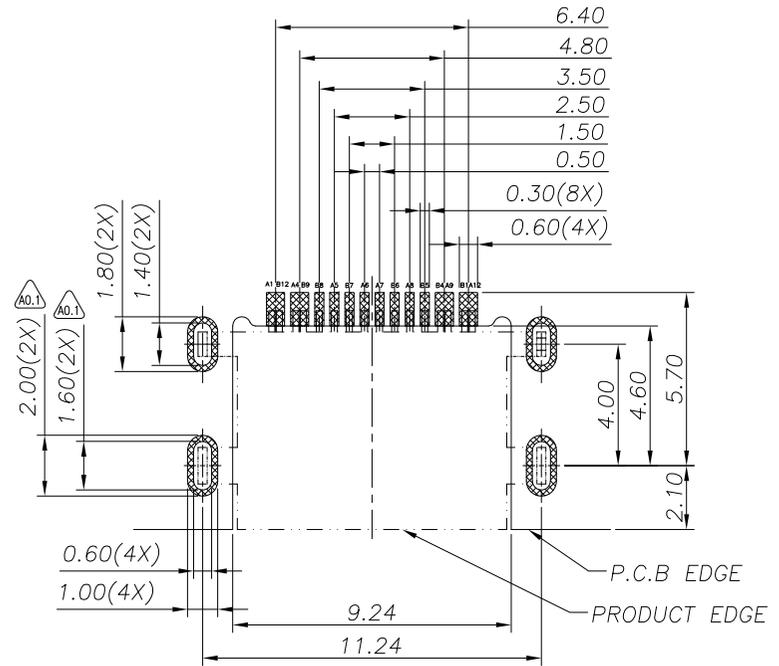
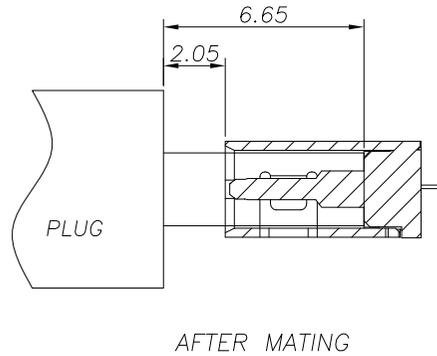


Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.50 X.XX ±0.30 X.XXX ±0.20 X.XXXX ±0.15 ANGLE: ±3	DESIGN BY : Ken Lin	DATE : 2023/04/21	PART NAME: USB C TYPE RIGHT ANGLE SMD FEMALE 沉板 1.60MM	
	CHECKED BY: Vicky Hsieh	DATE : 2023/04/21	PART NO.	MUSB12-03-658
UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2023/04/21	MOLD NO.	NA
SCALE:1:1 SIZE:A4	APPROVED BY2: Richard Hsieh	DATE : 2023/04/21	DRAW NO.	
			SHEET NO.	1 OF 2

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2021/11/30	Ken Lin
A0.1			Change Dim.	2023/04/21	Ken Lin



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.50 X.X ±0.30 X.XX ±0.20 X.XXX ±0.15 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Ken Lin	2023/04/21	USB C TYPE RIGHT ANGLE SMD FEMALE 沉板 1.60MM	
UNIT: mm [inch]	CHECKED BY:	DATE :	PART NO.	MUSB12-03-658
	Vicky Hsieh	2023/04/21		
SCALE:1:1 SIZE:A4	APPROVED BY1:	DATE :	MOLD NO.	NA
	Richard Hsieh	2023/04/21		
	APPROVED BY2:	DATE :	DRAW NO.	
	Richard Hsieh	2023/04/21	SHEET NO.	2 OF 2