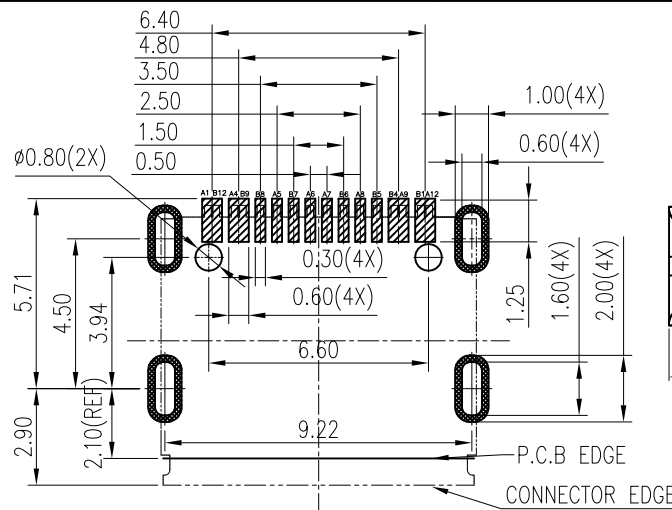
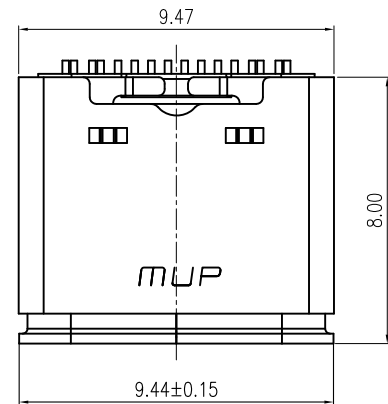
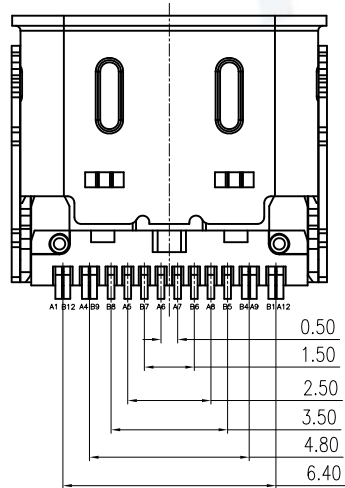
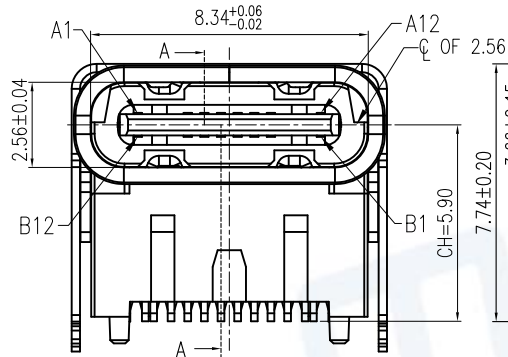




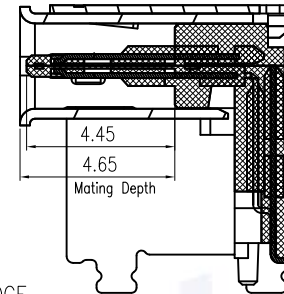
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8MM;DEFAULT TOLERANCE:±0.05



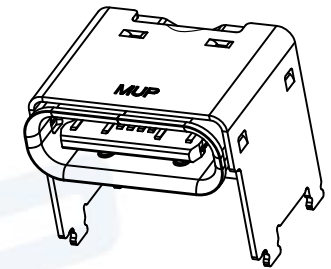
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	Original reversion	lucky	lucky	Roy	2021/03/08
2	Change product model No.	lucky	lucky	Roy	2023/10/25



SECTION:A-A



NOTE:

- MECHANICAL:
1-1 Insertion force: 5~20N
1-2 Extraction force: 8~20N
Extraction force: 10000 CYCLES 6~20N
1-3.FREQUENCE:500±50 CYCLES/HOUR,10000 CYCLES;
2. ELECTRICAL CHARACTERISTICS:
2-1. CURRENT RATING:
VBUS Pins (A4,A9,B4,B9): 5A Max;
1.25 Amps MAX. for Vconn (B5 of plug) with return path through the corresponding GND pins(Pin A1, A12, B1, B12). Other All Pins 0.25A/Pin
2-2. INITIAL CONTACT RESISTANCE:40mΩ Max.
2-3. INSULATION RESISTANCE:100MΩ MIN
2-4. WITHSTANDING VOLTAGE:100V AC,1 MINUTE;
3. ENVIRONMENTAL
TEMPERATURE RANGE: -40°C TO +85°C.

Model No.	DIM A
MUP-U20404-01	0.90
MUP-U20404-02	1.30

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	Molding	1	THERMOPLASTIC	Black, UL94V-0
2	CONTACT	16	HIGH CONDUCTIVITY COPPER	Contact area: Au 3u"
3	MID-PLATE	1	STAINLESS STEEL	RINSE
4	SHELL	1	STAINLESS STEEL	Ni plated over all
5	TOP SHELL	1	STAINLESS STEEL	Ni plated over all

Unless otherwise specified, other tolerance are:

X	±0.40	X*	±5°
X.X	±0.30	X.X*	±4°
X.XX	±0.20	X.XX*	±3°
X.XXX	±0.10	X.XXX*	±2°

PROJ.	UNIT	SCALE
	mm	1:1

CUSTOMER DRAWING

MUP MUP INDUSTRIAL CO.,LTD.

NAME: **USB Type C SINGLE-Row SMT Receptacle**

MODEL NO: **MUP-U20404-XX**

TYPE : **16Pin Board center height 5.90**

DRAW **Roy 2021/03/08**

CHECKED **lucky 2021/03/08**

APPROVAL **lucky 2021/03/08**

DWG NO.: **DWG-U20404-XX-01**

SHEET **1/2**

REVISION **2**

