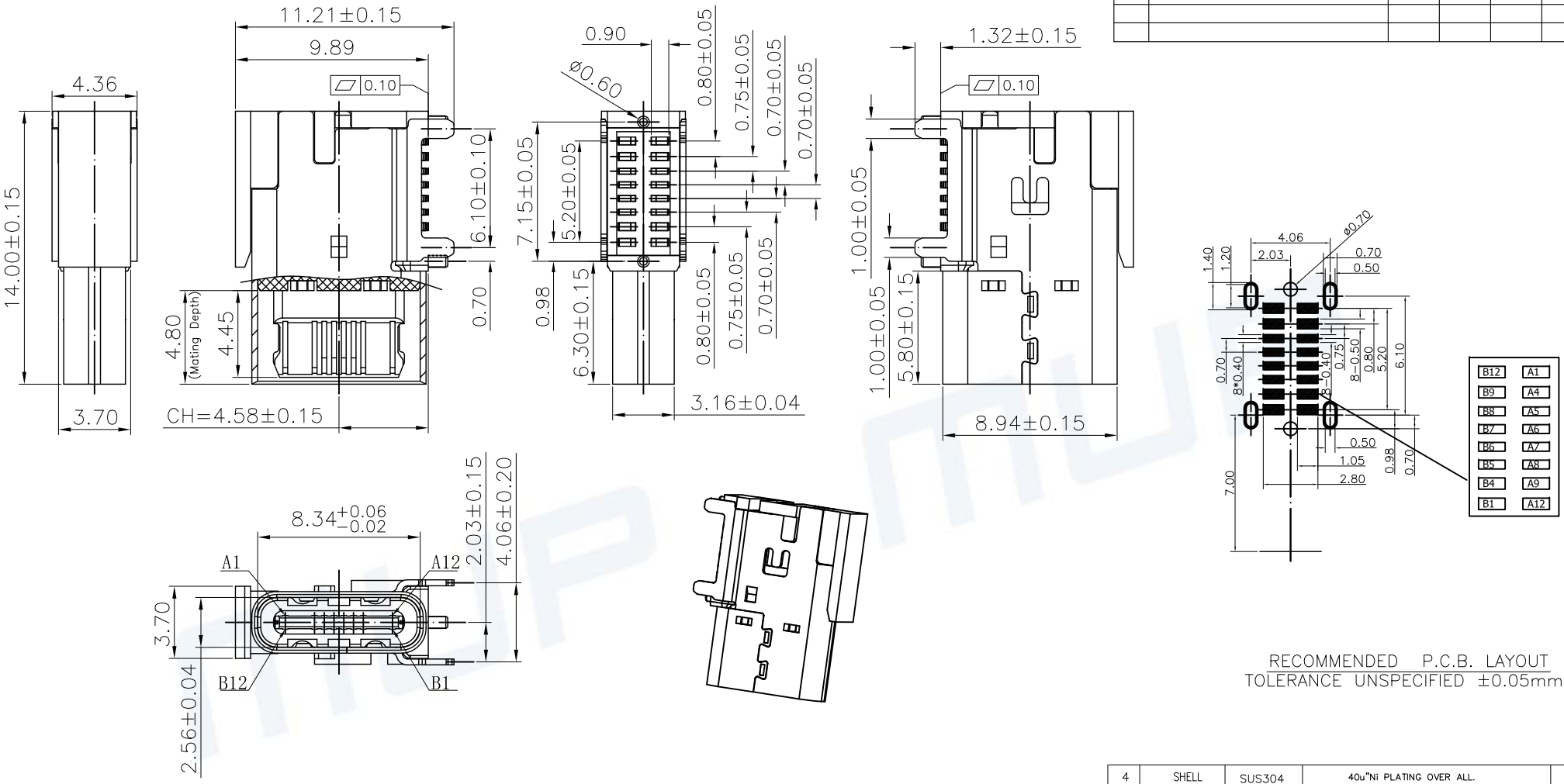
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	Original reversion	lucky	lucky	Roy	2023.04.15



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

NOTE:
1. MECHANICAL:
   1−1.MATING FORCE: 0.5~2.0Kgf
   1−2.UMMATING FORCE: Initial: 0.8~2.0Kgf
   After 500 to 10,000cycles: 0.6~2.0Kgf
   1−3.FREQUENCE:500±50 CYCLES/HOUR,10000 CYCLES;
2. ELECTRICAL CHARACTERISTICS:
   2−1. CURRENT RATING: 5.0A Max.
   2−2. INITIAL CONTACT RESISTANCE:40mΩ Max.
   2−3. INSULATION RESISTANCE:100MΩ MIN AT 500V DC
   2−4. WITHSTANDING VOLTAGE:100V AC,1 MINUTE;
3. ENVIRONMENTAL
   TEMPERATRUE RANGE: −40°C TO +85°C.

PIN ASSINGMENTS

PIN	SINGAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN	SINGAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
4	SHELL	SUS304	40u"Ni PLATING OVER ALL.	1PCS
3	MID−PLATE	SUS301	Cleaning	1PCS
2	CONTACT	C7025	CONTACT AREA: Au 1U" Min; SOLDER TAILS: Gold Flash	16 PIN
1	HOUSING	LCP	BLACK	1PCS

Unless Otherwise specified, other tolerance are:

X.	±0.40	X°.	±5°
X.X	±0.30	X.X°	±4°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°

APPR.	LUCKY/2023.04.15				
CHKD.	LUCKY/2023.04.15				
DRAW.	Roy/2023.04.15	PROJ.	UNIT mm	SCALE 1:1	SHEET 1/1	REVISION 1

PROCESS COMPLIANT

MUP® MUP INDUSTRIAL CO.,LTD.

NAME: **USB Type C Side Vertical Receptacle**

MODEL No: **MUP-U23407-1**

TYPE : **16Pin & CONTACT SMT &CH=4.58**

PRAT NO. : U23407−1

DWG NO. : DWG−U23407−1−001