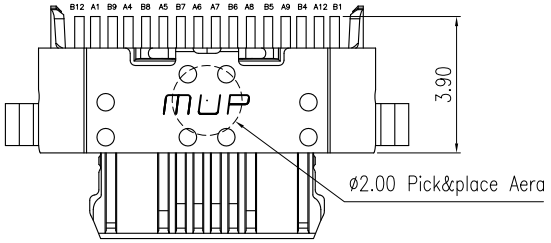
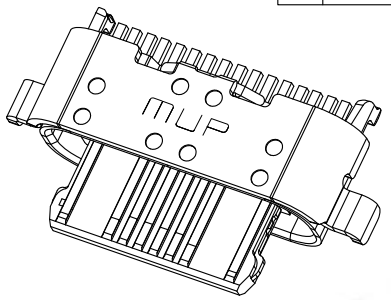
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	Original reversion	lucky	lucky	Roy	2023.9.6

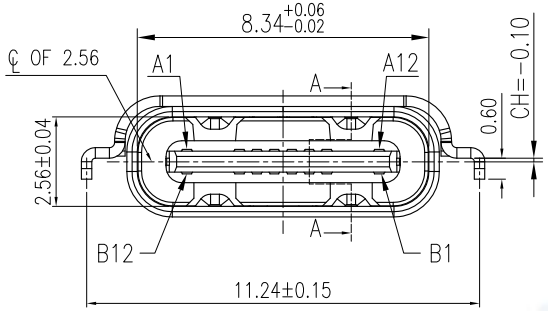


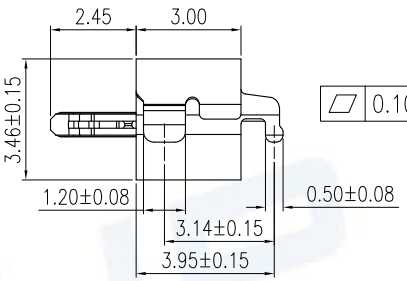
PIN ASSINGMENTS

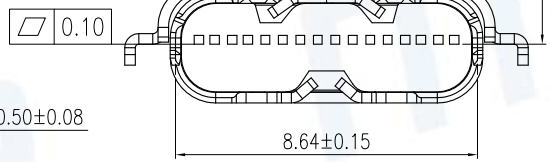
PIN	SINGAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

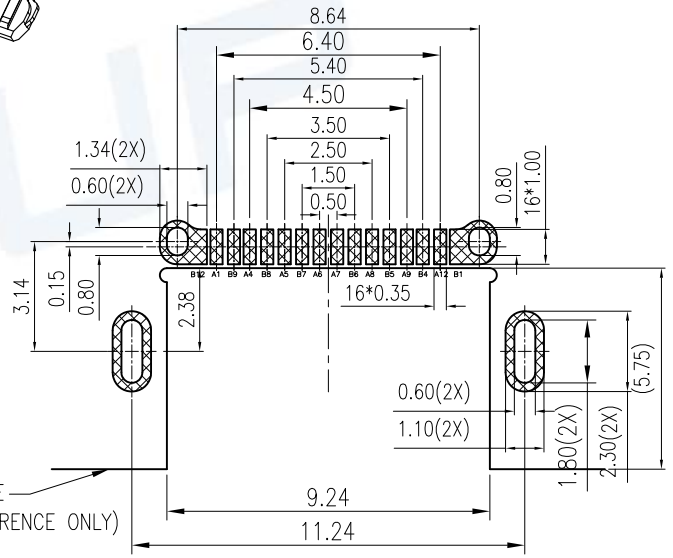
PIN	SINGAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND



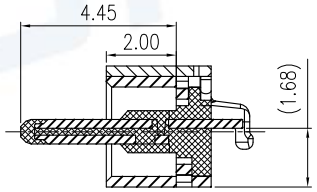




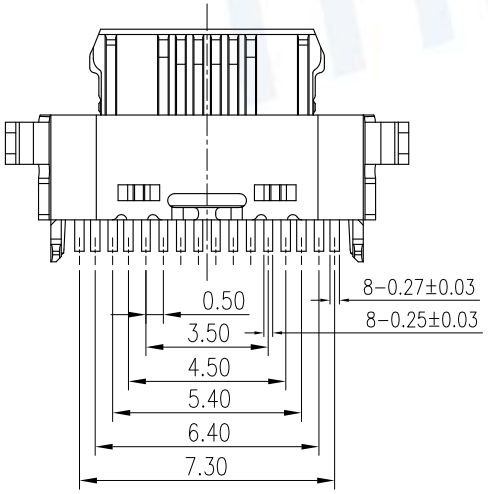




RECOMMENDED PCB LAYOUT
TOLERANCES UNSPECIFIED ±0.05



SECTION:A−A



NOTE:
1. 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): 8.0A,
   Pins (A1,A12,B1,B12): 8.0A,
   Other All Pins 0.25A
   2−2. CURRENT RATED VOLTAGE: 30V AC
   2−3. INITIAL CONTACT RESISTANCE:40mΩ Max.
   2−4. INSULATION RESISTANCE:100MΩ MIN
   2−5. WITHSTANDING VOLTAGE:100V AC,1 MINUTE;
3. ENVIRONMENTAL
   TEMPERATRUE RANGE: −40°C TO +85°C.

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
①	Molding	1	NYLON	Black, UL94V−0
②	CONTACT	16	HIGH CONDUCTIVITY COPPER	CONTACT AREA: Au 3U" Min OVER Ni 40U" Min; SOLDER TAILS:GOLD FLASH OVER Ni 40U" Min.
③	SHELL−1	1	STAINLESS STEEL	Ni plated over all
④	SHELL−2	1	STAINLESS STEEL	Ni plated over all
⑤	MID−PLATE	1	STAINLESS STEEL	Cleaning

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/2023.9.6
CHKD.	LUCKY/2023.9.6
DRAW.	Roy/2023.9.6

Pb RoHS PROCESS COMPLIANT

MUP® MUP INDUSTRIAL CO.,LTD.

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

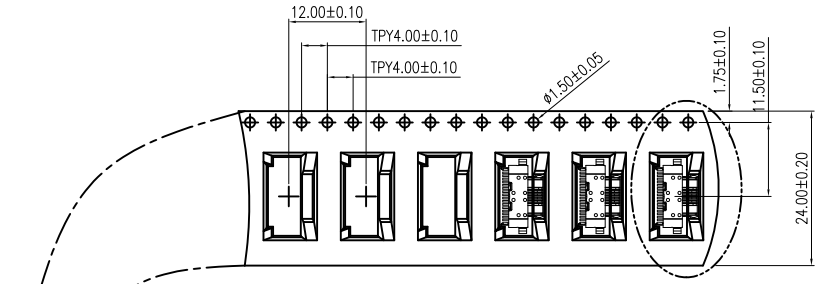
MODEL No: **MUP-U22412-01**

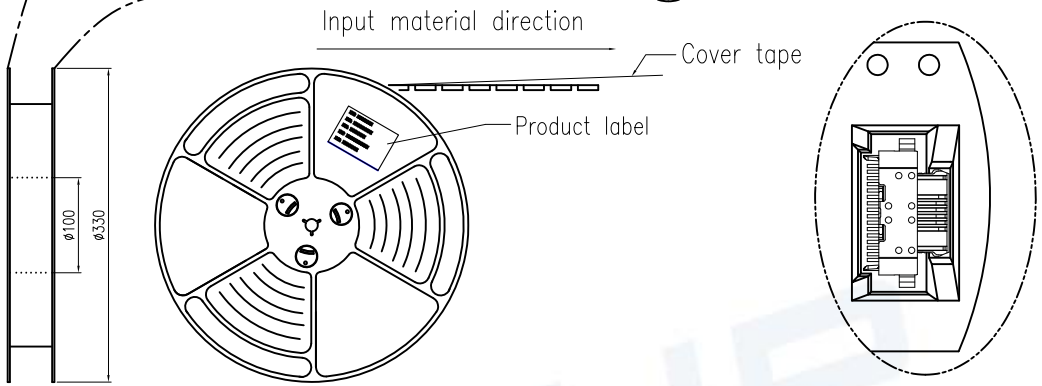
TYPE : **16PIn(Large current) &short body double Shell CH=−0.10**

PRAT NO. :	DWG NO. :
U22412−01	DWG−U22410−01−001

PROJ.	UNIT	SCALE	SHEET	REVISION
	mm	1:1	1/2	1

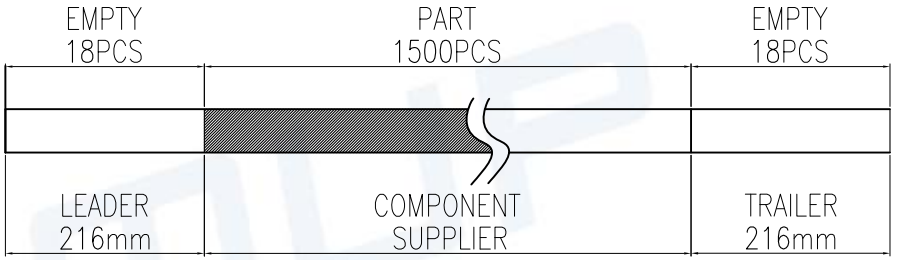
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
⚠	Original reversion	lucky	lucky	Roy	2023.9.6



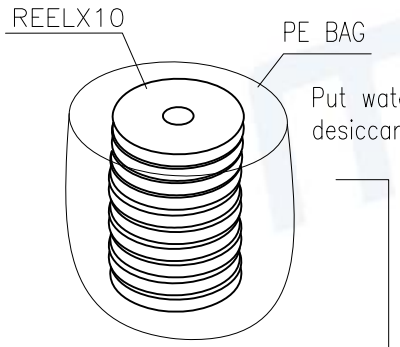


NOTES

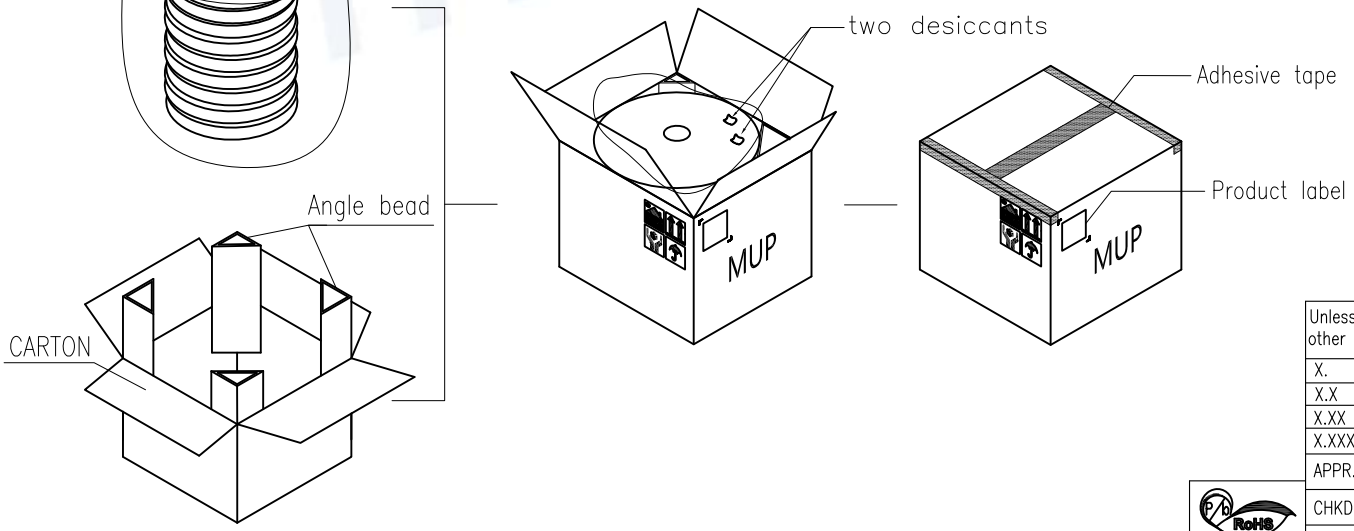
1. NUMBER OF CONNECTORS:1500PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY:15000/CARTON
4. WEIGHT :
   - 4.1 NET WEIGHT : XXXX Kg
   - 4.2 GROSS WEIGHT : XXXX Kg
5. Meas:350Lx350Wx315H mm



Put waterproof PE bag inside the box and add two desiccants。



Unless Otherwise specified, other tolerance are:			
X. ±0.40	X°. ±5°	MUP® MUP INDUSTRIAL CO.,LTD.	
X.X ±0.30	X.X° ±4°	NAME: USB Type C Mid-mount SINGLE-Row SMT Receptacle	
X.XX ±0.25	X.XX° ±3°	MODEL No: MUP-U2242-01	
X.XXX±0.15	X.XXX°±2°	TYPE : 16Pin(Large current) &short body double Shell CH=−0.10	
APPR.	LUCKY/2023.9.6	PRAT NO.: U22412-01	DWG NO.: DWG-U22412-01-001
CHKD.	LUCKY/2023.9.6	PROJ.	UNIT mm / SCALE 1:1 / SHEET 2/2 / REVISION 1
DRAW.	Roy/2023.9.6		

Pb RoHS PROCESS COMPLIANT