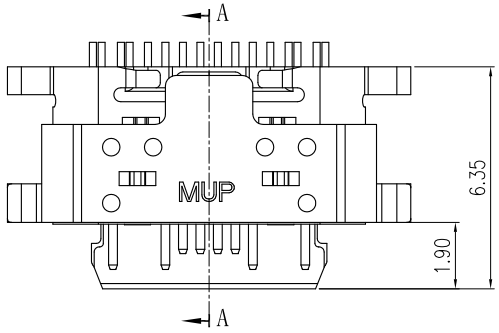
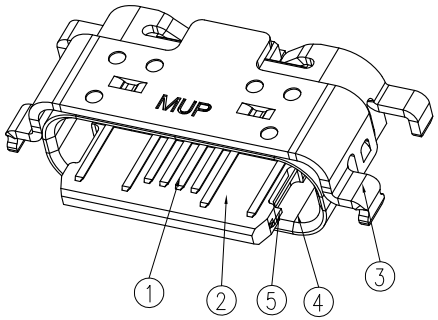
REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	Original reversion	lucky	lucky	Roy	2020.9.14

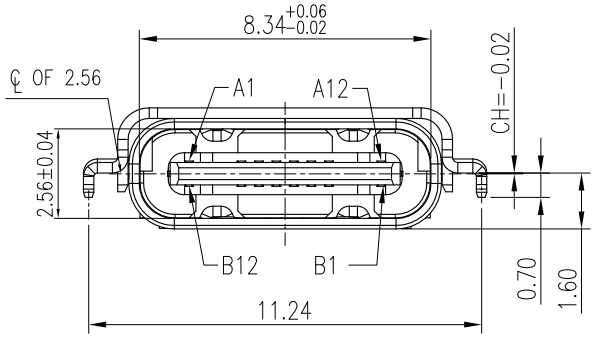


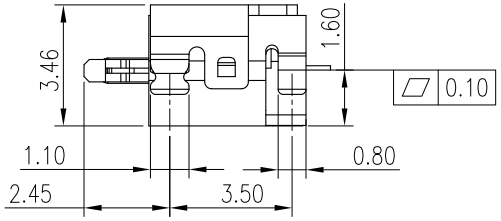


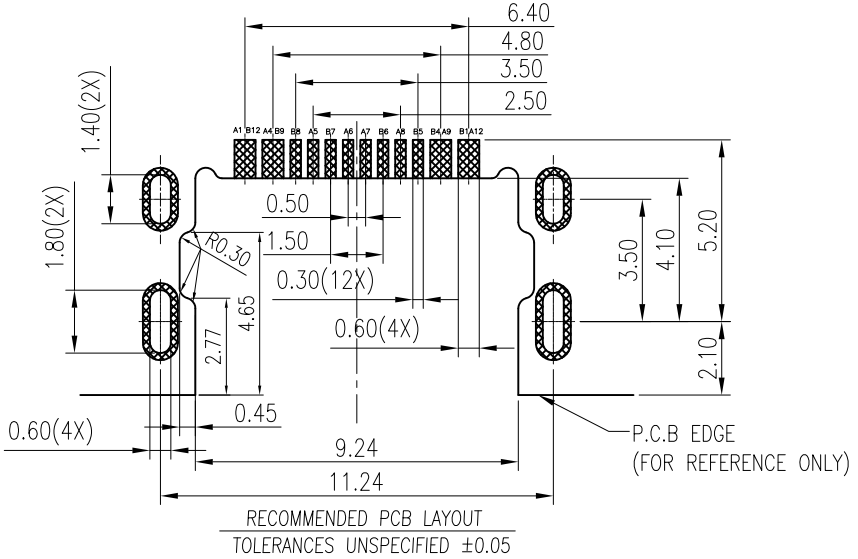
PIN ASSINGMENTS

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

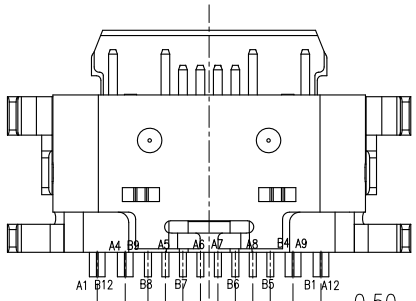
PIN	SINGAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

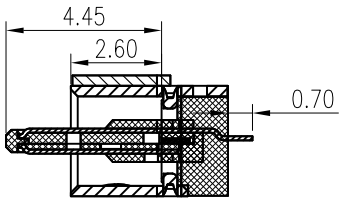




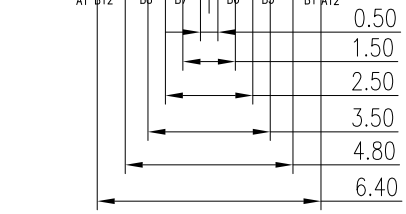


RECOMMENDED PCB LAYOUT
TOLERANCES UNSPECIFIED ±0.05





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): 5.0A,
   Vconn(B5) : 1.25A
   Other All Pins 0.25A
   2−2. INITIAL CONTACT RESISTANCE:40mΩ Max.
   2−3. INSULATION RESISTANCE:100MΩ MIN
   2−4. 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	THERMOPLASTIC	Black, UL94V−0
②	CONTACT	1	HIGH CONDUCTIVITY COPPER	Contact area:Gold plated over Ni.
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/2020.9.14
CHKD.	LUCKY/2020.9.14
DRAW.	Roy/2020.9.14

RoHS PROCESS COMPLIANT

MUP® MUP INDUSTRIAL CO.,LTD.

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

MODEL No: **MUP-U22402-1**

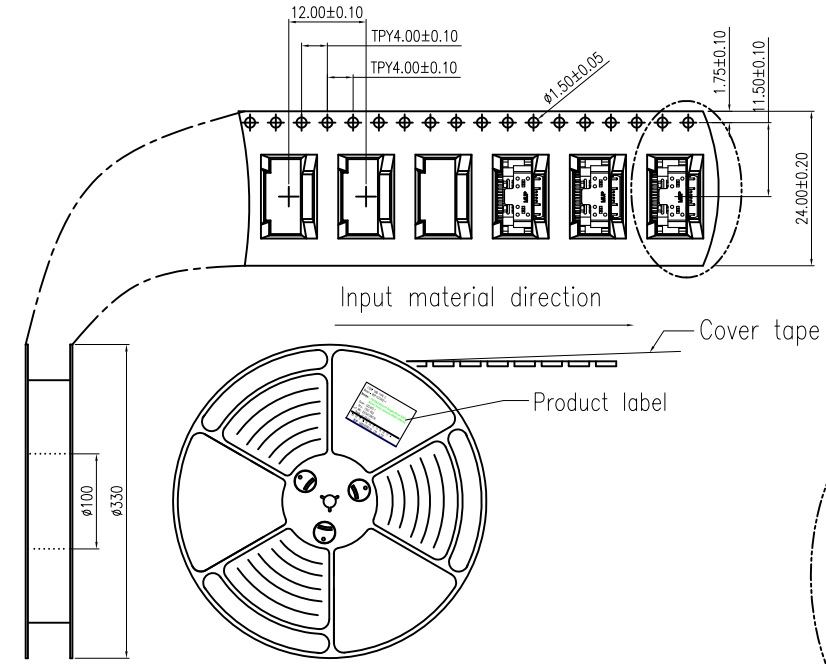
TYPE : **16Pin &short body double Shell CH=−0.02**

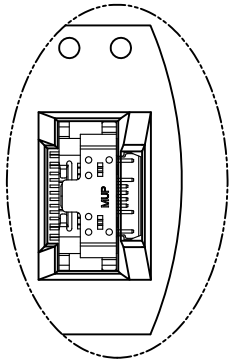
PRAT NO. : U22402−1

DWG NO. : DWG−U22402−1−001

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

REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
A	Original reversion	lucky	lucky	Roy	2020.9.14

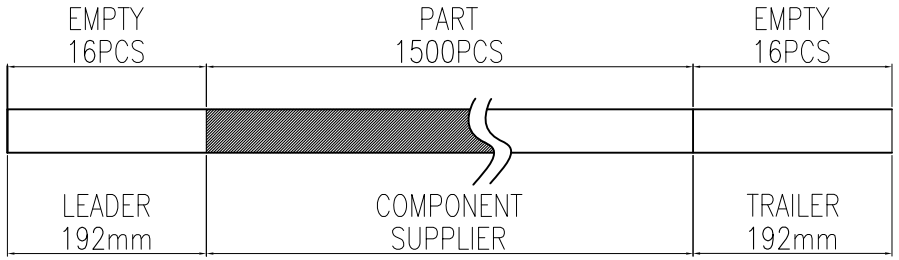




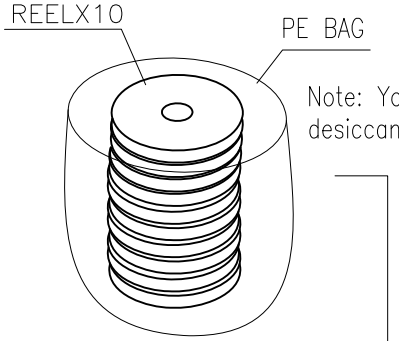
Direction of Production

NOTES

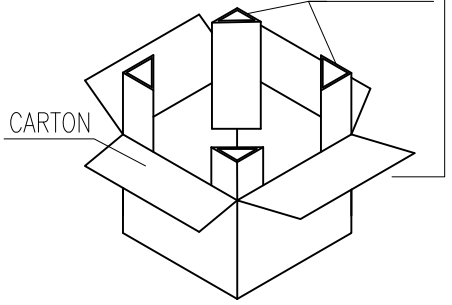
1. NUMBER OF CONNECTORS:1500PCS/REEL
2. LEAD TAPE LENGTH

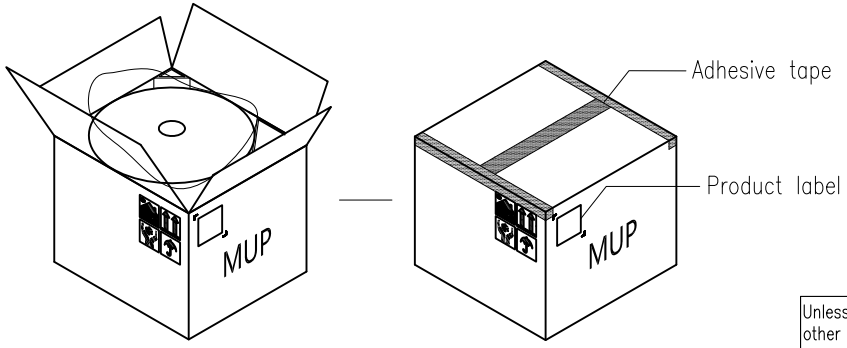


3. QUANTITY:15000/CARTON



Note: You should put two desiccants in each PE bag





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-U22402-1	
X.XXX±0.15	X.XXX°±2°	TYPE : 16Pin &short body double Shell CH=−0.02	
APPR.	LUCKY/2020.9.14	PRAT NO.: U22402−1	DWG NO.: DWG−U22402−1−001
CHKD.	LUCKY/2020.9.14	PROJ.	UNIT mm / SCALE 1:1 / SHEET 2/2 / REVISION 1
DRAW.	Roy/2020.9.14		

Pb RoHS PROCESS COMPLIANT