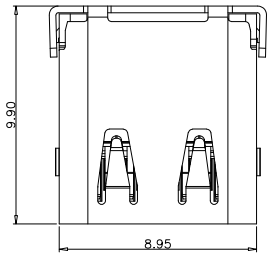
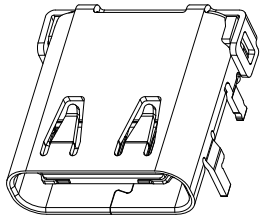
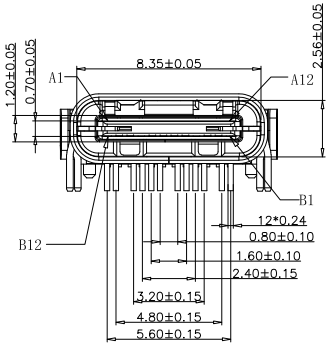
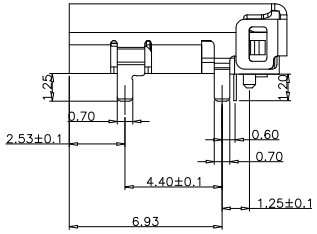
REV.	ECN. NO.	APPD.
A		

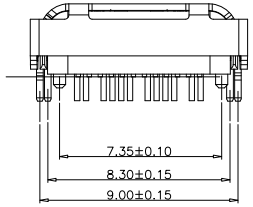


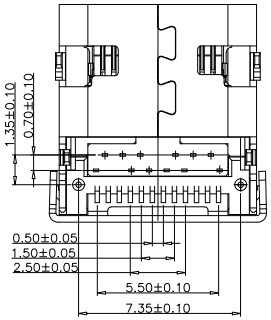


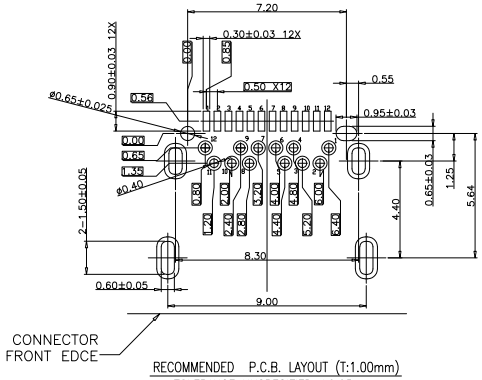
NOTES:
1.MATERIAL:
MOLDING: LCP UL94 V-0
CONTACT:C1814.
GOLD PLATED 1U" Min ON CONTACT AREA,
100u'' Min TIN ON SOLDER AREA,
50u" NICKEL PLATING OVER ALL.
SHELL: SUS304-H,T=0.30±0.03mm
50u" NICKEL PLATING OVER ALL.
SHILD:SUS301-H,T=0.20±0.03mm
2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N AFTER TEST.
DURABILITY: 10000 CYCLES
3.ELECTRICAL:
CURRENT: 5A FOR VBUS;
1.25A FOR GND PIN.
0.25A FOR OTHER.
VOLTAGE: 20 V MAX
WITHSTANDING VOLTAGE: 100V AC R.M.S.
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.
4.ENVIRONMENTAL
TEMPERATURE RANGE -25°C ~ +85°C











RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
5	铁壳	SUS 201, T=0.30	NI Plated	1PCS
4	弹片	SUS 316, T=0.10	---	1PCS
3	铁片	SUS 304, T=0.20	---	1PCS
2	端子	C1814, T=0.12	Au/NI Plated	2SET
1	半成品	LCP UL94V-0	BLACK	1PCS

X. ±0.30	X.° ±5°	UNITS mm	
.X ±0.20	.X° ±2°	MAT'L	
.XX ±0.10	.XX° ±1°	FINISH	
.XXX ±0.05	.XXX° ±0.5°	Q'TY	

TYPE C
CONNNECTOR

NAME(INTENDED USE)

PART NO.(INTENDED USE)

APPD: SUNNY

CHKD: LISA

DR: ZOE 2022-06-10

MINTRON CO.,LTD.

TITLE:
TYPE C母座24P板上前插后贴半包式L=9.87

DWG NO.:
00302-UCAF005-A

SCALE	SHEET	REV.
1/1	1/1	A