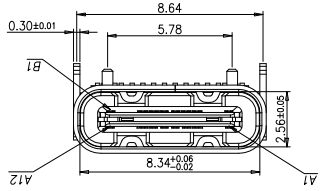
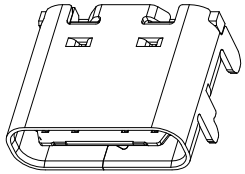
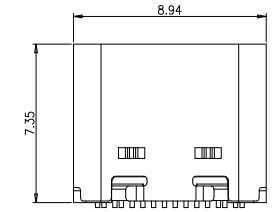
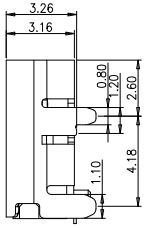
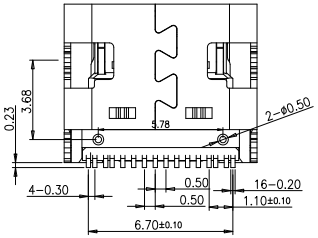
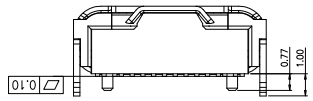


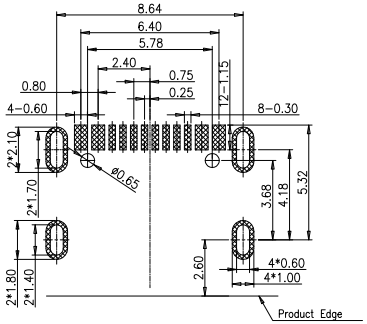






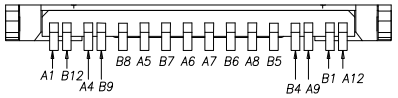


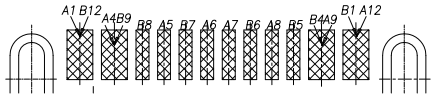




RECOMMENDED P.C.B. LAYOUT (T:1.00mm)

TOLERANCE UNSPECIFIED ±0.05mm





SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1−1. CONTACT RESISTANCE: 30mΩ MAX.
   - 1−2. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE.
   - 1−3. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2−1. INSERTION FORCE :0.5−2.0Kgf(REF.)
   - 2−2. WITHDRAWAL FORCE :0.8−2.0Kgf(REF.)
3. LIFE TEST: 10,000 CYCLES.
4. TO CONFORM TO THE KRCONN HAZARDOUS SUBSTANCE FREE SPEC.

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
6	SHELL	STAINLESS STEEL	NI Plated	1PCS
5	SHIELDING PLATE	STAINLESS STEEL	---	1PCS
4	MD	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
3	CONTACT	COPPER ALLOY	Au/NI Plated	1SET
2	CONTACT	COPPER ALLOY	Au/NI Plated	1SET
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

PIN	SIGNAL NAME	PIN	SIGNAL NAME
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

Champyang International Ltd., Co

REV	DESCRIPTION.	APPD.	Date
A0	RELEASED		2019-07-01

FILE NO : AUC03 (Series)

TOLERANCE(公差) :
0.000 mm ± 0.075 mm
0.00 mm ± 0.15 mm
0.0 mm ± 0.25 mm

TITLE 圖 名	USB TYPE C 母座 16P SMT MOLDING			UNIT 單位	mm inch
PART NO. 料 號	AUC03-0116-x41-S-A			SCALE 比例	1 : 1
DRAWN BY 製 圖		DATE 日 期	2019-07-01	REV. 版 本	A.0
CHECKED BY 審 核		DATE 日 期	2019-07-01		