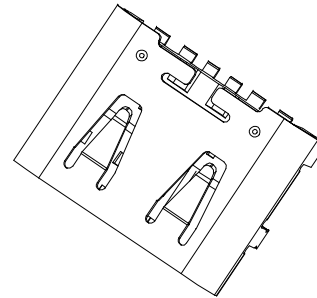
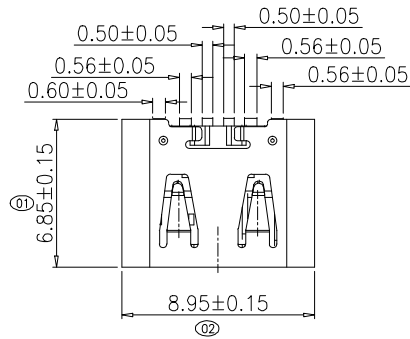


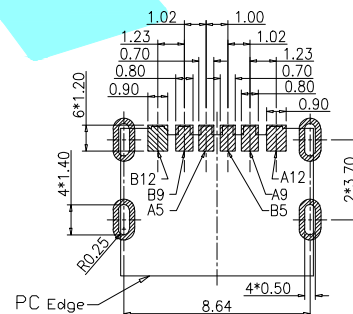
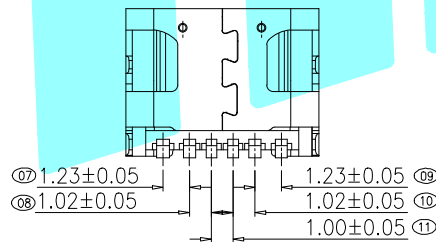
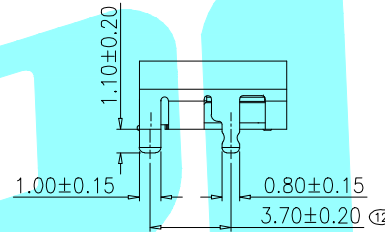
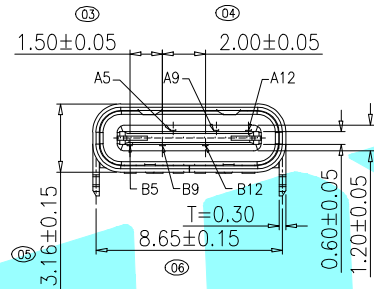
B12	GND
B9	VBUS
B5	CC2
A5	CC1
A9	VBUS
A12	GND
PIN	SIGNAL NAME



3D VIEW

NOTES:

- MATERIAL:**
 MOLDING: LCP UL94 V-0
 CONTACT: COPPER ALLOY.
 GOLD PLATED Min ON CONTACT AREA, 100u"
 Min TIN (LEAD FREE) ON SOLDER AREA,
 SHELL: SUS304-H, T=0.30±0.03mm
 50u" NICKEL PLATING OVER ALL.
- MECHANICAL:**
 INSERTION: 5~20N.
 EXTRACTION: 8~20N AFTER TEST.
 DURABILITY: 10000 CYCLES
- 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.
- ENVIRONMENTAL**
 TEMPERATURE RANGE -25°C ~ +85°C



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

ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK
⑤	Contact Spring	—	1	Phosphor Bronze	Ag Plated	—
④	Terminal	—	2	Phosphor Bronze	Ag Plated	—
③	Base	—	1	Nylon	Black	—
②	Cover	—	1	Nylon	Black	—
①	Keystoke	—	1	POM	White	—

APPROVALS		DATE		HRO 華碩 ELECTRONICS CO.,LTD		
DRAWN	LIUCAN	2020.12.21		TITLE:	DETECTOR SWITCHES	
CHECKED				PART NO.	TYPE-C-31-M-16	
APPROVALS				UNIT: mm	SCALE: 1:1	PROJ:
TOLERANCES ARE		30~以上: ±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
		10~30: ±0.20	±2'	DRAWING NO.		SHEET 1 OF 1
		5~10: ±0.15				
		~ 5: ±0.10				

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			