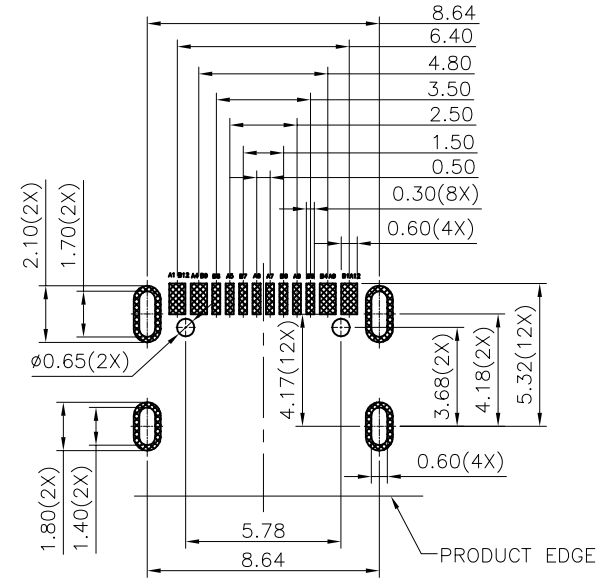
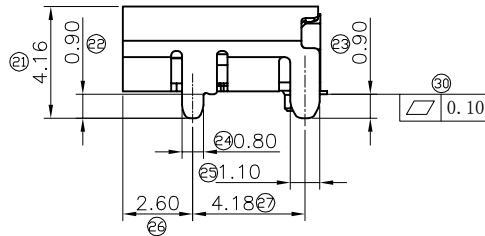
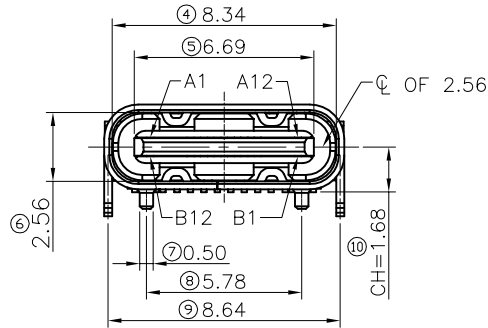
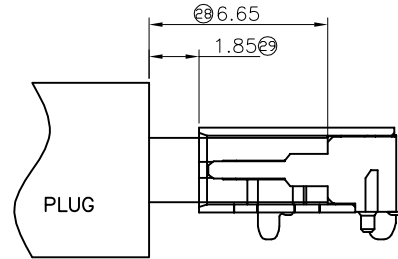
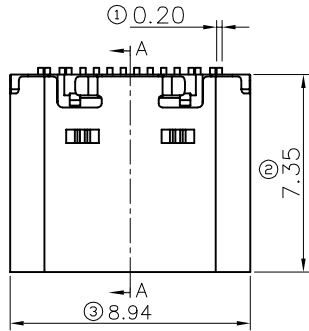


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

REV.	DATE	ECN.NO	MODIFY.CONTENT	APPROVER
A	2019.04.12		初版发行	Jason



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE: ± 0.05

NOTES:

- MATERIAL SPECIFICATION:
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - CONTACTS:COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
 - CONTACTS:
 - NI UNDER PLATED OVER ALL.
 - AU PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - FRONT SHELL:
 - NI UNDER PLATED OVER ALL.
 - MECHANICAL PERFORMANCE,
 - 1.INSERTION FORCE: 5~20N.
 - 2.EXTRACTION FORCE: 8~20N.
 - 3.DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE,
 1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 2.INSULATION RESISTANCE: 100MΩ MIN
 - 3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - OPERATING TEMPERATURE: -25°C~+85°C.
- Lead free and ROHS compliant product.

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	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

GENERAL TOLERANCE			UNITS	NAME(INTENDED USE)	
SELECT	✓		mm	USB	
TOL.	1	2	3	PART NO.(INTENDED USE)	
X.XXX	± 0.10	± 0.05	± 0.15	USB616FC-C2014209	
X.XX	± 0.25	± 0.13	± 0.25	APPD: Jason	
X.X	± 0.30	± 0.25	± 0.50	CHKD: Abel	
X.		± 0.38	± 1.00	DR: Jessica	
ANGLE	$\pm 2^\circ$				
				DWG NO.:	
				ATOM-A05323	
				SCALE	
				1:1	
				SHEET	
				1/1	
				REV.	
				A	