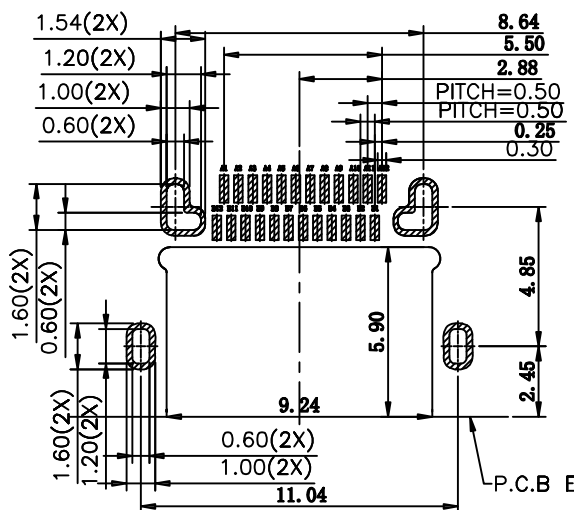
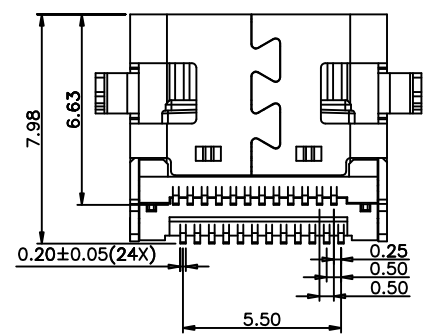
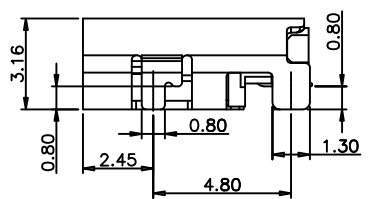
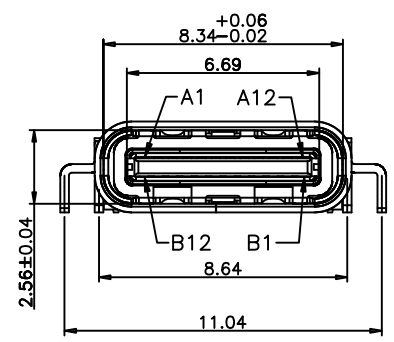
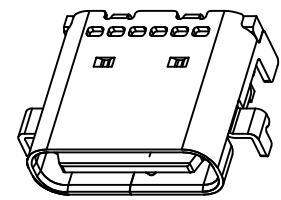


SECTION A-A


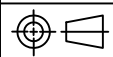


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

NOTE:
 1.MATERIAL SPECIFICATION:
 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 2.CONTACTS:COPPER ALLOY
 3.MID PLATE: STAINLESS STEEL
 4.FRONT SHELL: STAINLESS STEEL
 5.EMI PLATE: STAINLESS STEEL
 2.PLATING SPECIFICATION:
 2-1.CONTACTS:
 Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au G/F PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 2-2.FRONT SHELL:
 Ni 30u" MIN. UNDER PLATED OVER ALL.
 2-3.MID PLATE&EMI PLATE:
 CLEAR ONLY
 3.MECHANICAL PERFORMANCE,
 3-1.INSERTION FORCE: 5~20N.
 3-2.REMOVAL FORCE: 8~20N.
 3-3.DURABILITY: 10000 CYCLES.
 4.ELECTRICAL PERFORMANCE,
 4-1. CURRENT RATING:3.0A.
 VOLTAGE RATING:20.0V.
 4-2. LLCR:
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 4-3.INSULATION RESISTANCE: 100MΩ MIN
 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 5. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
 6.IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.



A	15.9.2021
REV	DATE

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.X ± 0.30	APPROVED:	 http://www.rego.com.tw	TITLE: USB 3.1 Type C Middle Mount Receptacle Female Connector
.XX ± 0.20	CHECKED:		
.XXX ± 0.15	DRAWN:		
X* ± 3'			
 UNITS: mm	SCALE: NONE	PART NO: 9177USB31-F00008	SHEET: 1 OF 1