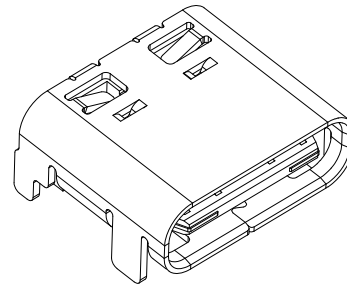
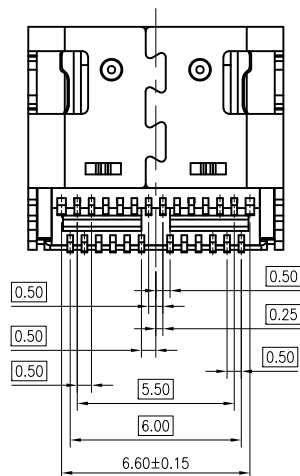
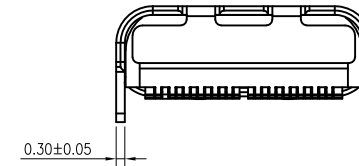
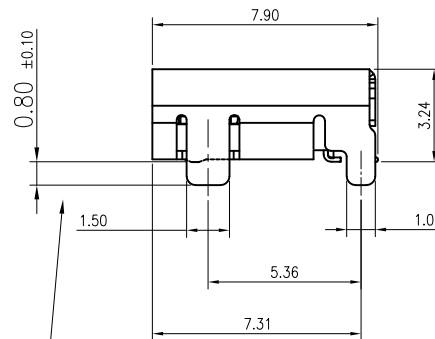
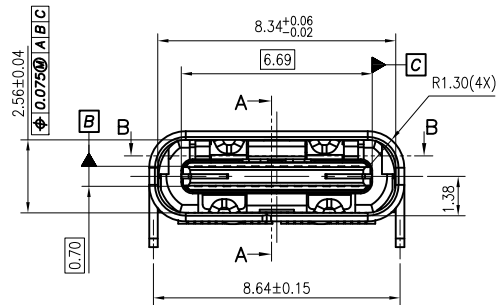
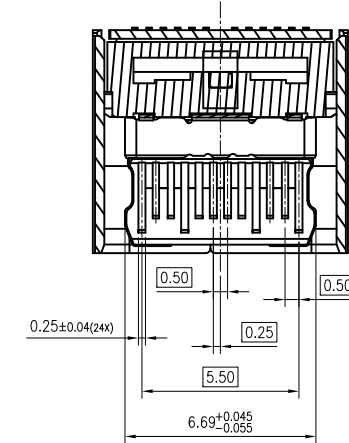
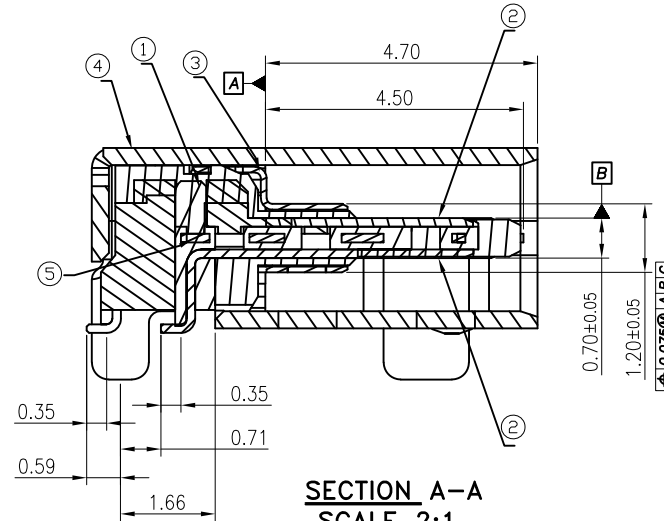
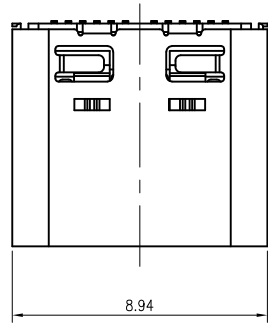


REV	EC No.	DESCRIPTION	Symbol	DATE
A	/	new release	/	Dec. 12, 2020

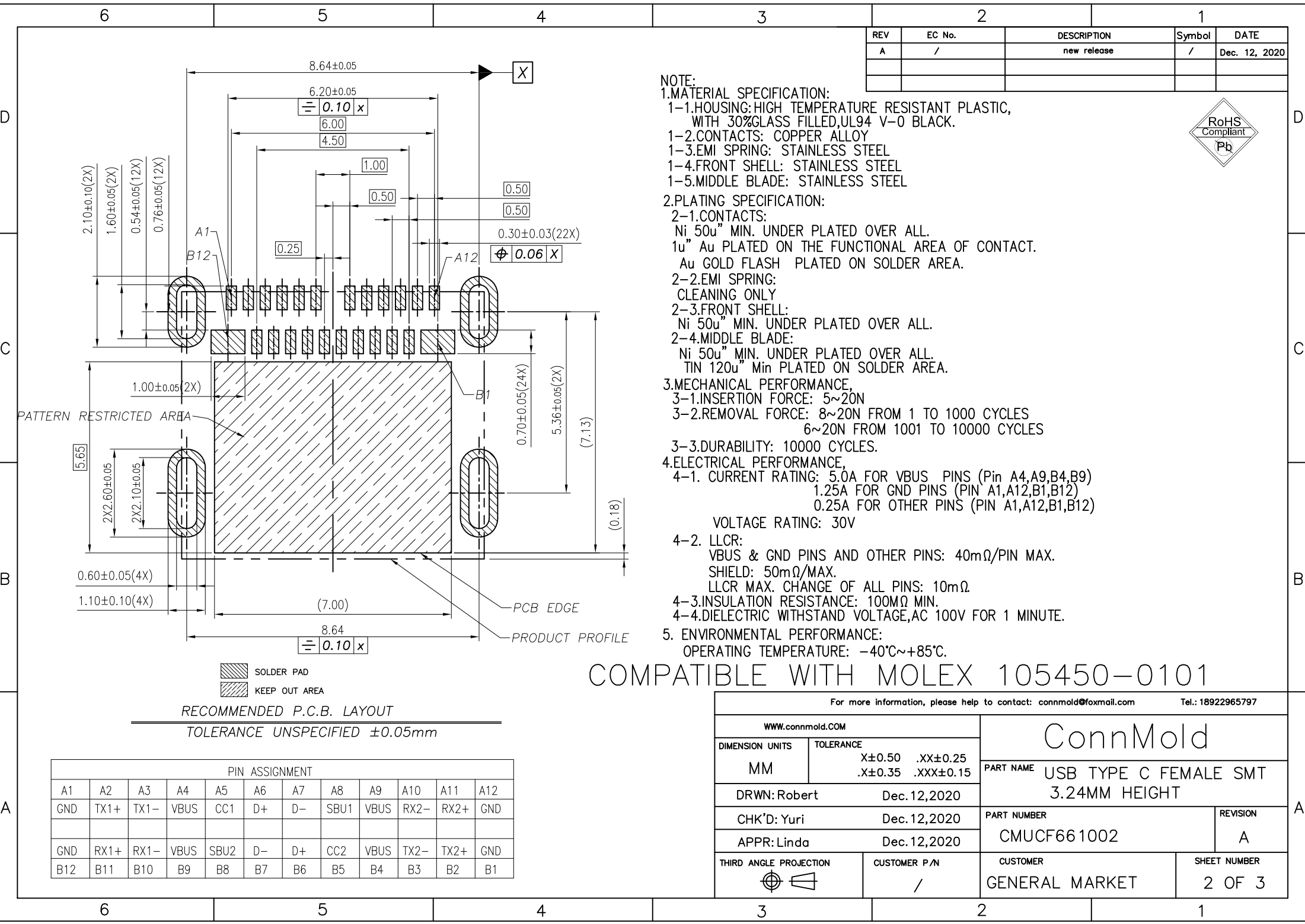


COMPATIBLE WITH MOLEX 105450-0101

For more information, please help to contact: connmold@foxmail.com

Tel.: 18922965797

WWW.connmold.COM		ConnMold	
DIMENSION UNITS	TOLERANCE		
MM	X±0.50 .XX±0.25 .X±0.35 .XXX±0.15	PART NAME	USB TYPE C FEMALE SMT 3.24MM HEIGHT
DRWN: Robert	Dec. 12, 2020	PART NUMBER	CMUCF661002
CHK'D: Yuri	Dec. 12, 2020	REVISION	A
APPR: Linda	Dec. 12, 2020	CUSTOMER	GENERAL MARKET
THIRD ANGLE PROJECTION	CUSTOMER P/N	SHEET NUMBER	1 OF 3
	/		



REV	EC No.	DESCRIPTION	Symbol	DATE
A	/	new release	/	Dec. 12, 2020



- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC, WITH 30%GLASS FILLED,UL94 V-0 BLACK.
 - 1-2.CONTACTS: COPPER ALLOY
 - 1-3.EMI SPRING: STAINLESS STEEL
 - 1-4.FRONT SHELL: STAINLESS STEEL
 - 1-5.MIDDLE BLADE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
1u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
Au GOLD FLASH PLATED ON SOLDER AREA.
 - 2-2.EMI SPRING:
CLEANING ONLY
 - 2-3.FRONT SHELL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
 - 2-4.MIDDLE BLADE:
Ni 50u" MIN. UNDER PLATED OVER ALL.
TIN 120u" Min PLATED ON SOLDER AREA.
- 3.MECHANICAL PERFORMANCE,
- 3-1.INSERTION FORCE: 5~20N
 - 3-2.REMOVAL FORCE: 8~20N FROM 1 TO 1000 CYCLES
6~20N FROM 1001 TO 10000 CYCLES
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
- 4-1. CURRENT RATING: 5.0A FOR VBUS PINS (Pin A4,A9,B4,B9)
1.25A FOR GND PINS (PIN A1,A12,B1,B12)
0.25A FOR OTHER PINS (PIN A1,A12,B1,B12)
 - VOLTAGE RATING: 30V
 - 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: -40℃~+85℃.

COMPATIBLE WITH MOLEX 105450-0101

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

PIN ASSIGNMENT											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

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WWW.connmold.COM					ConnMold								
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APPR: Linda					Dec. 12, 2020		CUSTOMER GENERAL MARKET					SHEET NUMBER	
THIRD ANGLE PROJECTION					CUSTOMER P/N							2 OF 3	
					/								