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



## NOTE:

## 1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: COPPER ALLOY(C18150)

3.MID PLATE: STAINLESS STEEL(SUS301)

4.FRONT SHELL: STAINLESS STEEL(SUS304)

## 2.PLATING SPECIFICATION:

## 2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

## 2-2.FRONT SHELL:

PLATING SPECIFICATIONS FOLLOW THE P/N

## 2-3.MID PLATE PLATE:

CLEAR ONLY

## 3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

## 4.ELECTRICAL PERFORMANCE,

4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;

1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS &amp; GND PINS AND OTHER PINS: 40mΩ/PIN 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:

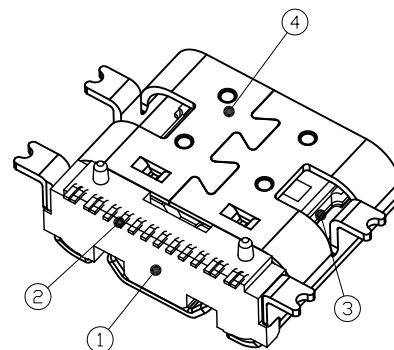
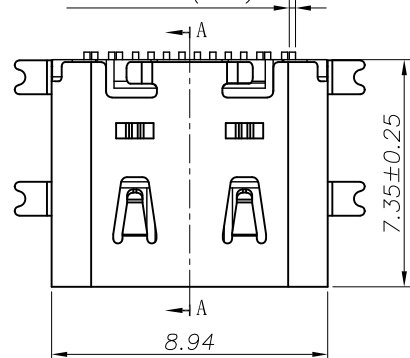
OPERATING TEMPERATURE: -25°C~+85°C.

## 6.IR REFLOW:

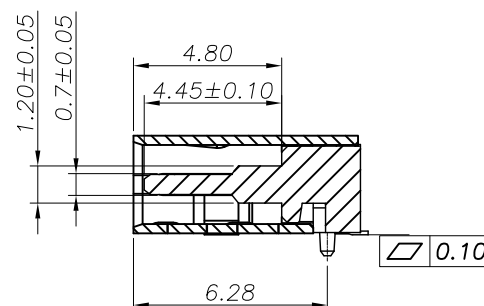
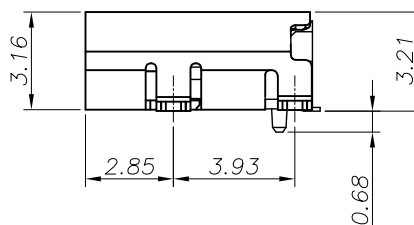
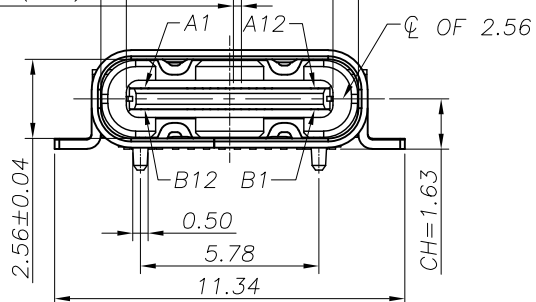
THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

0.20±0.05(16X)

8.34<sup>+0.06</sup><sub>-0.02</sub>6.69<sup>+0.045</sup><sub>-0.055</sub>

0.25±0.04(16X)



SECTION:A-A

0.25

0.50
1.50
2.50
3.50
4.55
5.05
6.15
6.65

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

Tel:18922965797

WWW.connmold.COM

DIMENSION UNITS

MM

TOLERANCE

X±0.50 .XX±0.25  
.X±0.35 .XXX±0.15

ConnMold

PART NAME USB TYPE C RECEPTACLE  
16PIN SMT TYPE

DRWN:Robert

Dec.12,2020

CHK'D:Yuri

Dec.12,2020

APPR:Linda

Dec.12,2020

PART NUMBER

CMUCF6610201

REVISION

A

THIRD ANGLE PROJECTION



CUSTOMER P/N

/

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 3

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