

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:PA9T COLOR SEE TABLE 1,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY(C1815)
- 3.MID PLATE&SPRING: STAINLESS STEEL(SUS301)
- 4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.CONTACTS:

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 & COVER:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE & EMI SPRING:

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. CURRENT RATING:3.0A

VOLTAGE RATING:5.0V

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.

SHIELD: 50mA/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mA.

4-3.INSULATION RESISTANCE: 100M Ω MIN

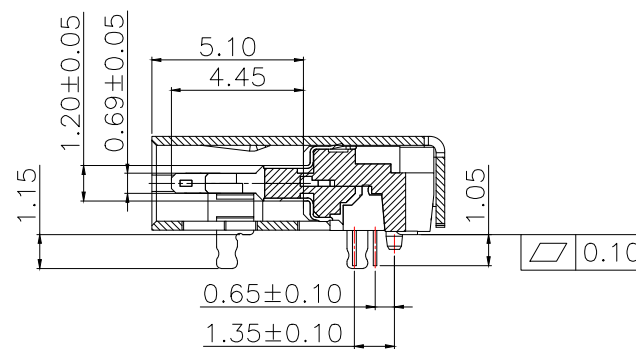
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

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.



SECTION:A-A

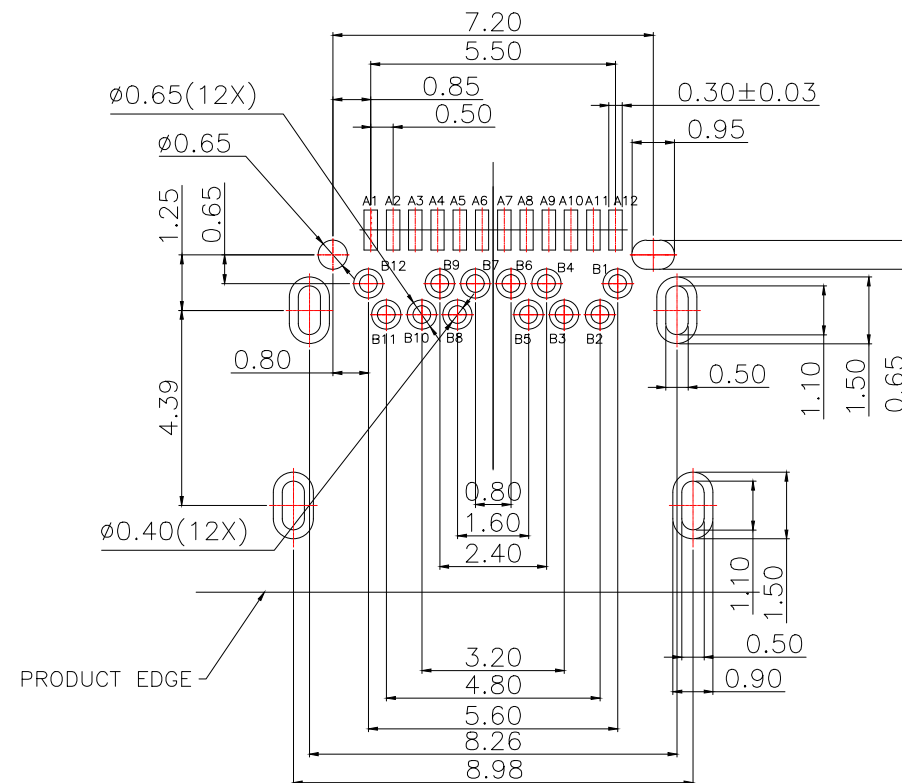
USB Type-C Female 24 pins Connector USB 3.1
Product Code 6195

<https://www.sunrom.com/m/6195>



PIN	NUMBER	SIGNAL	NAME
	A1	GND	
	A2	SSTXp1	
	A3	SSTXn1	
	A4	V _{bus}	
	A5	CC1	
	A6	Dp1	
	A7	Dn1	
	A8	SBU1	
	A9	V _{bus}	
	A10	SSRXn2	
	A11	SSRXp2	
	A12	GND	

PIN	NUMBER	SIGNAL	NAME
	B12	GND	
	B11	SSRXp1	
	B10	SSRXn1	
	B9	V _{bus}	
	B8	SBU2	
	B7	Dn2	
	B6	Dp2	
	B5	CC2	
	B4	V _{bus}	
	B3	SSTXn2	
	B2	SSTXp2	
	B1	GND	



SCALE 1.5:1

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8 MM;DEFAULT TOLERANCE:±0.05

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