

1 2 3 4 5 6 7 8 9 10

A

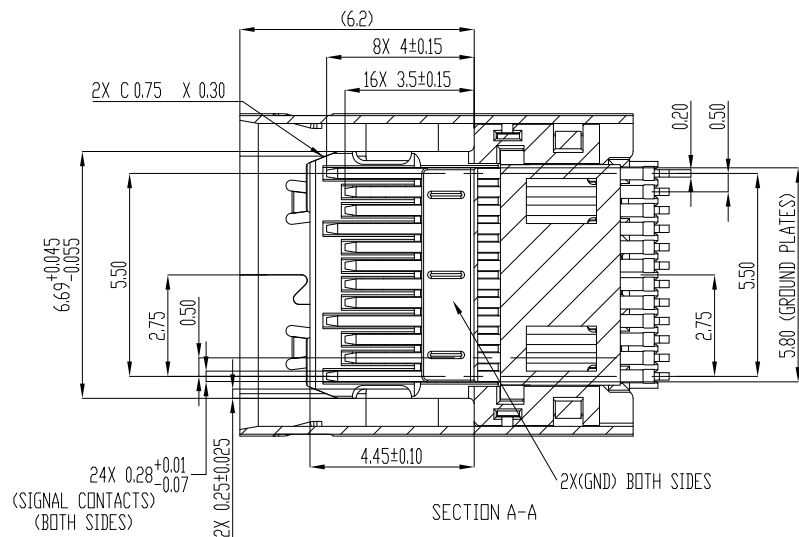
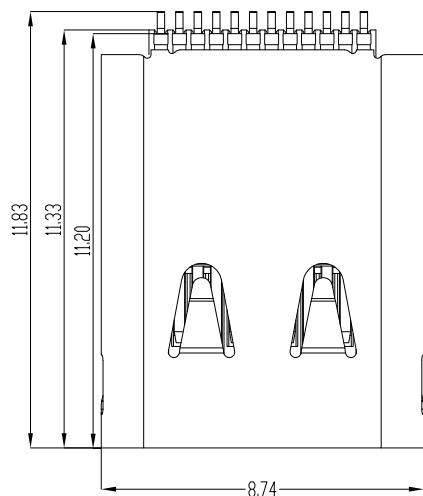
B

C

D

E

F



**SPECIFICATION**

**MATERIAL**

Insulator: Thermoplastic,Black

Contacts: BRASS

Shell:Stainless Steel

**CONTACT PLATING**

Underplate: 40u"~80u" Nickel

Contact area: 30u"Pd-Ni+2u" Selective gold,  
Solder tails area: 100u"~200u" Tin (Lead Free)

**ELECTRICAL**

Operation voltage: 20 V

Current rating: 5 Amps max.

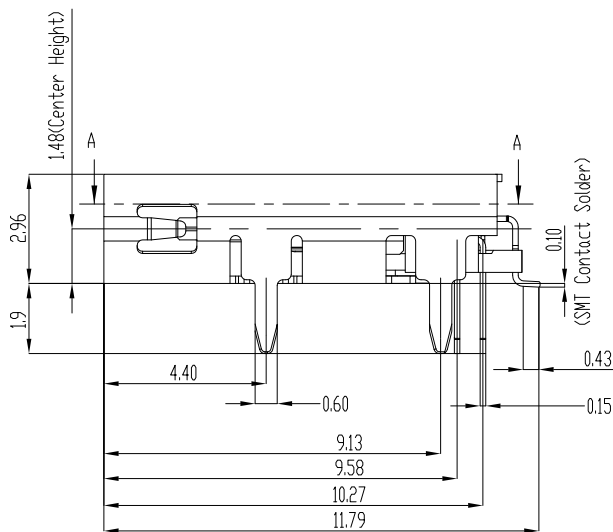
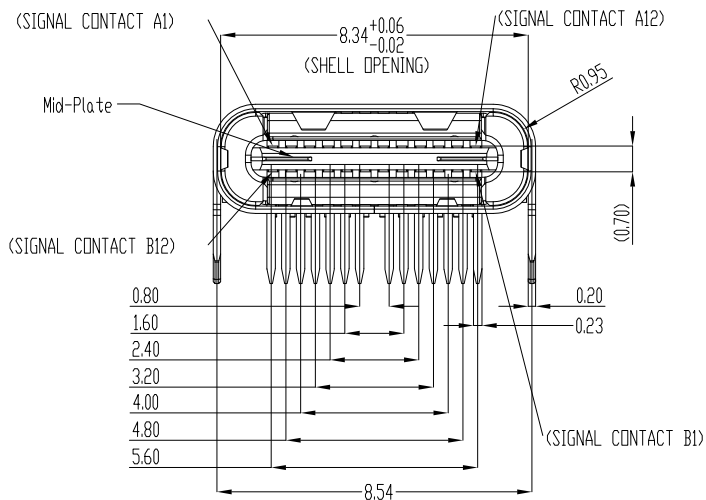
Insulation resistance: 100 Mohms min @ 100 VDC

Dielectric withstanding voltage: 100 VAC / minute

Temperature range: -40°C TO +105°C


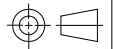
Mating cycles: 10,000 insertions

SECTION A-A



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.X ± 0.30	APPROVED: Chris	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>
.XX ± 0.20	CHECKED: Andy	
.XXX ± 0.15	DRAWN: Vic	
X* ± 3*		
	UNITS: mm	SCALE: NONE
	PART NO: 9177USB31-F00055	
SHEET: 1 OF 3		

A	12.4.2022
REV	DATE

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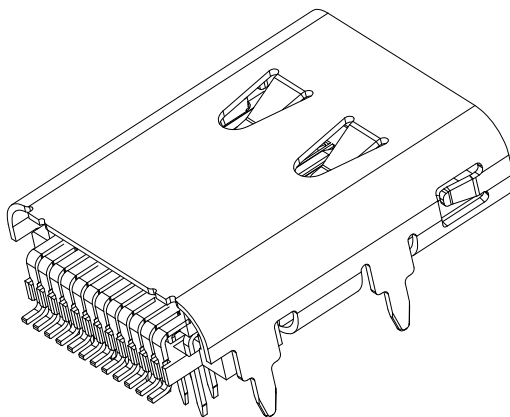
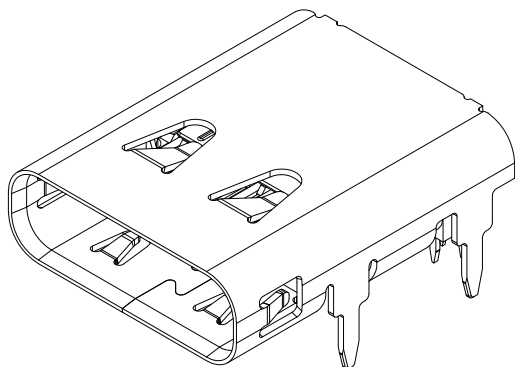
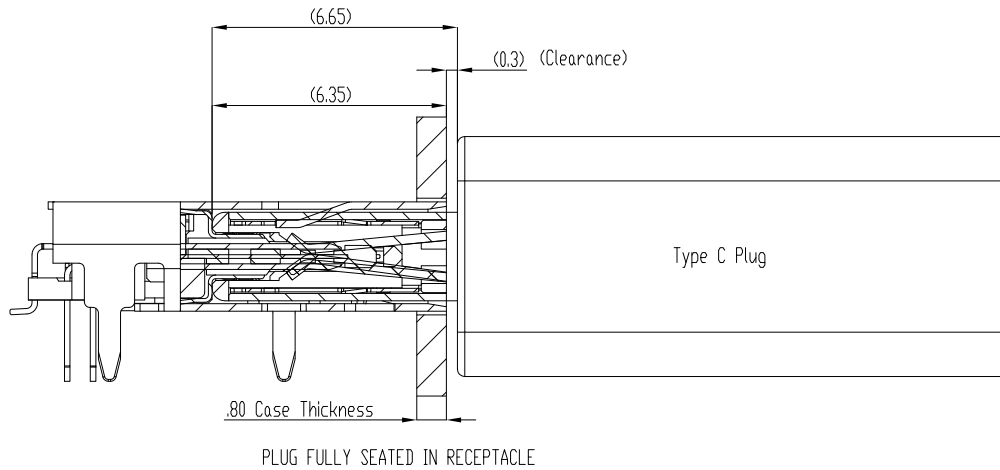
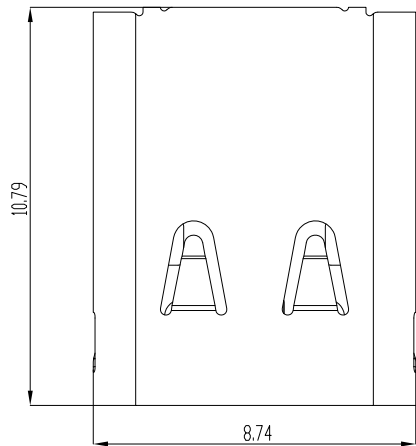
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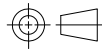
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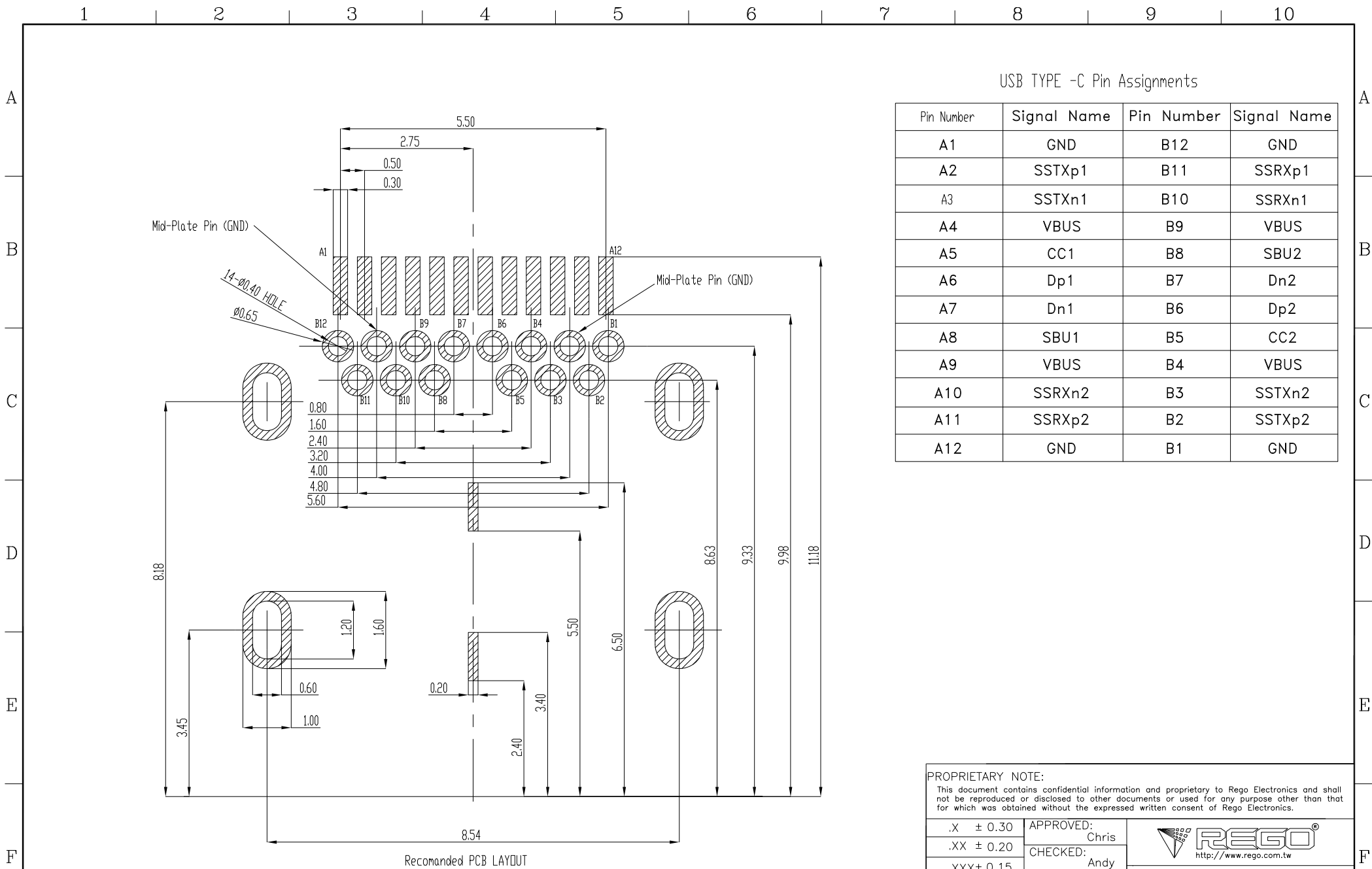
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	UNITS: mm	SCALE: NONE
	PART NO: 9177USB31-F00055	
SHEET: 2 OF 3		

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1 2 3 4 5 6 7 8 9 10




USB TYPE -C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

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X* ± 3°		
UNITS: mm	SCALE: NONE	PART NO: 9177USB31-F00055
		SHEET: 3 OF 3