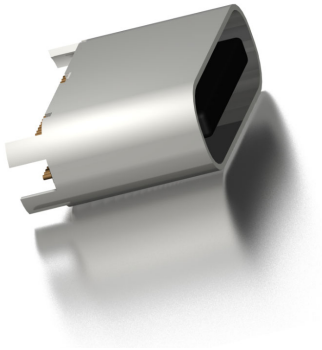
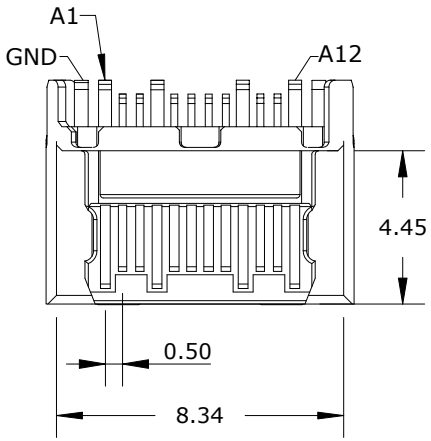
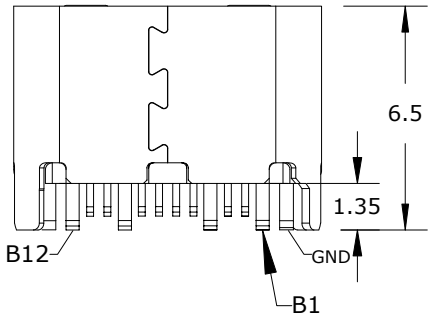
S CN US - UC - 1 24 SG F - SO V PM

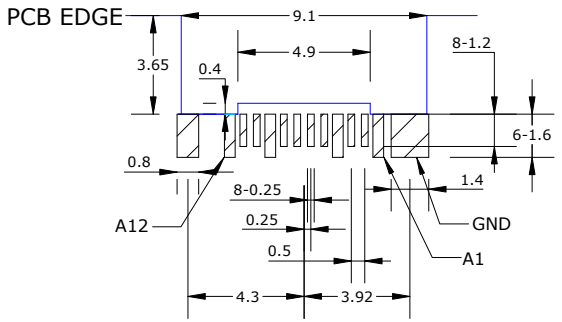
Suntsu	USB		Number of Ports	Contact Plating Selective Gold		Termination Style Solder	Mounting Style PCB Mount
	Connector	USB-C	Number of Contacts		Female	Mounting Angle Vertical	

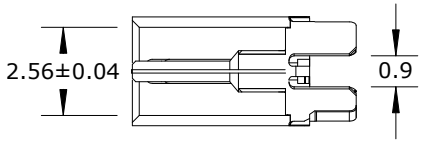






TOP

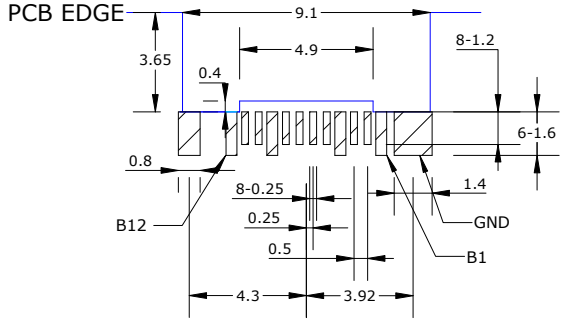




Pin Functions

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

BOTTOM



Specification
Current Rating: 5 AMP for VBUS Pin
1.25 AMP for VCONN Pin
Contact Resistance: 40mΩ Max.
Insulation Resistance: 100MΩ Min.
Dielectric Voltage: 100V AC for one minute
Operation Temperature: -25°C to 85°C
Insertion Force: 5N ~ 20N
Withdrawl Force: 8N ~ 20N

RoHS COMPLIANT

SUNTSU

USB TYPE C 3.1 FEMALE CONNECTOR

Document History

Edits Made	Date	Edited By	Approved By
Initial Release	01/26/2021	B. Gibbons	KH Mun

Part No.	SCNUS-UC-124SGF-SOVPM	REV.	A	Drawn	B. Gibbons 01/26/2021
Drawing No.	GW062-GA511	SCALE	None	Checked	KH Mun 01/26/2021
Tolerance	.X ±0.30 .XX ±0.20	UNIT	mm	Approved	KH Mun 01/26/2021