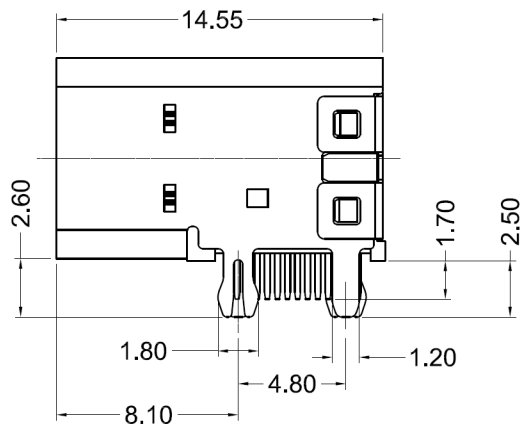
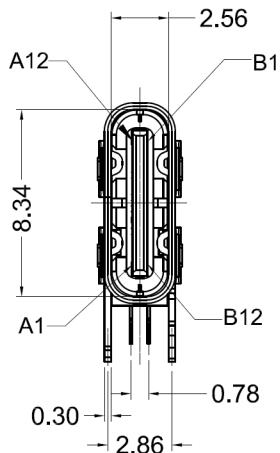


Materials and Finish

Insulator: High Temp.

UL94V-0 rated

Color- Black

Contact Material:

Copper Alloy

Plating:

Gold flash plated on both
contact area and soldertails
with nickel under plated

Shield: Stainless Steel,

Nickel plated

Electrical Specifications

Current Rating:

3A Max.

Contact Resistance:

40 Milliohms Max.

Insulation Resistance:

100 Megohms Min.

Dielectric withstanding Voltage:

100V AC RMS for 1 Minute

Mechanical Specifications

Insertion Force:

5N - 20N

Extraction Force:

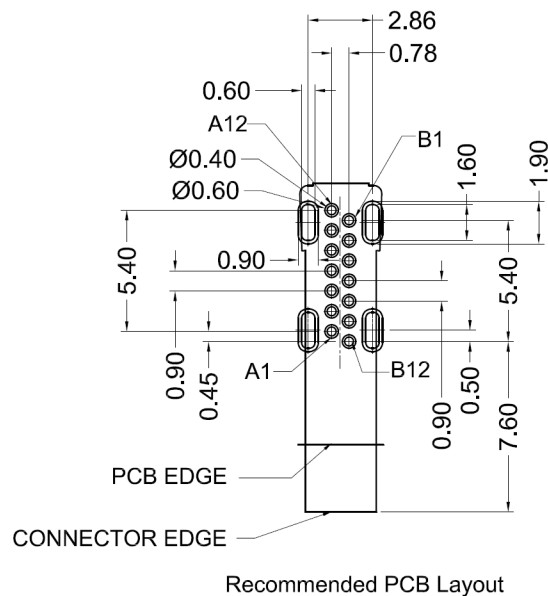
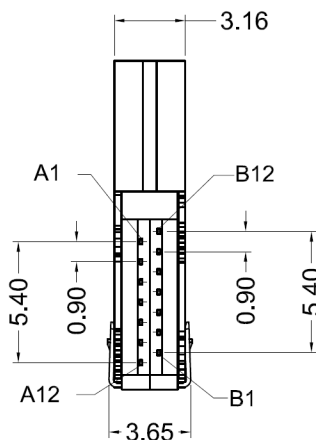
8N - 20N

Durability:

10000 Cycles

Operating Temperature:

-30°C to 85°C



A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B7	Dn2
A6	Dp1	B6	Dp2
A7	Dn1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



THE VITAL COMPONENT

RoHS COMPLIANT

Tolerances

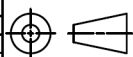
X.X ± 0.35

X.XX ± 0.25

Unless Stated

Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	04/29/19	New Drawing	H. MA	D. Shehan	H. MA	04/29/19
A0.2	04/29/19	Removed T&R from PN	D. Shehan	C. Furumasa		
A1	07/23/19	Release Drawing	C. Kelleher	D. Shehan		



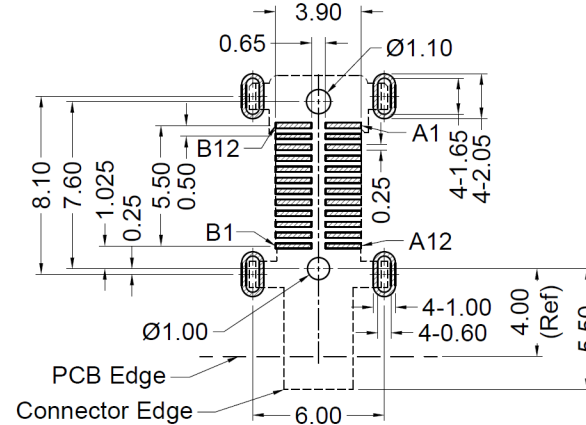
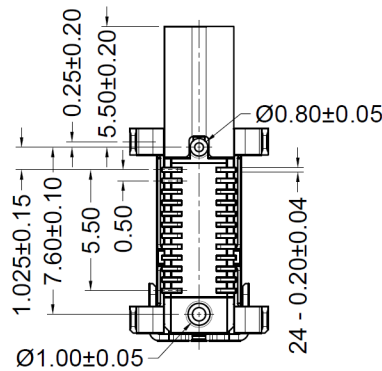
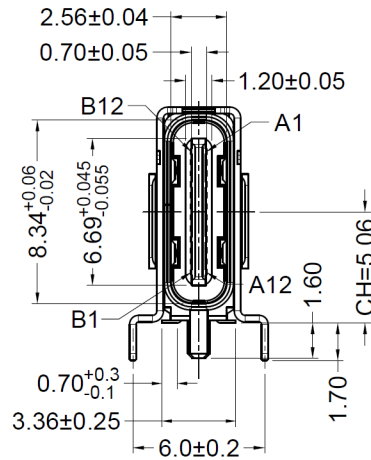
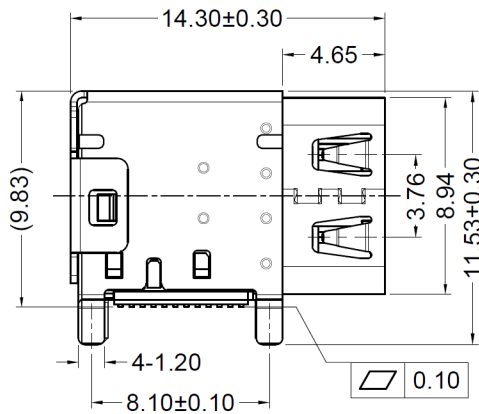
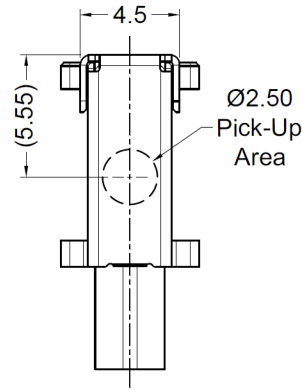
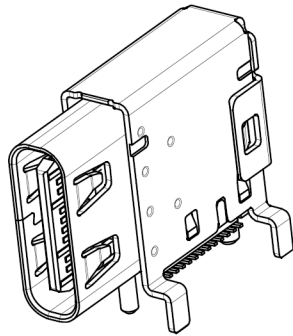
UNITS
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KUSBX-SL-CS1N14-B

Upright USB Type C, 14pins

RoHS Compliant





Recommended PCB Layout
Tolerance: ±0.05 (Top View)

PIN	Signal Name	PIN	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

Materials and Finish

Insulator: High Temp.
UL94V-0 Rated
Color: Black

Contact Material:
Copper Alloy

Contact Plating:
Gold Flash Plated
With Nickel Under-plate

Shield: Stainless Steel,
Nickel Plated

Mid Plate: Stainless Steel

Electrical Specifications

Current Rating:
5.0A Collectively For Pins:
A4, A9, B4, and B9 (VBUS)
5.0A Collectively For Pins:
A1, A12, B1, and B12 (GND)
1.25A For Pin B5 (VCONN)
0.25A For All Other Pins

Rated Voltage: 48V

Contact Resistance:
40 Milliohms Max.

Insulation Resistance:
100 Megohms Min.

Dielectric Withstanding Voltage:
100V AC RMS For 1 Minute.

Mechanical Specifications

Insertion Force:
5N - 20N

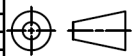
Extraction Force:
8N - 20N

Durability:
10,000 Cycles

Operating Temperature:
-40°C to 85°C



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	11/12/19	New Drawing	C. Kelleher	D. Shehan	C. Kelleher	11/12/19
A0.2	12/23/19	Assigned Part Number	G. Serrato	D. Shehan		
A1	06/03/20	Release Drawing	C. Kelleher	D. Shehan		
A2	09/24/21	ECO #21-017	C. Kelleher	C. Furumasu		
A3	10/23/23	ECO #23-017	C. Kelleher	C. Furumasu		
A4	02/07/25	ECO #25-010	C. Kelleher	C. Kelleher		



mm

KUSBX-SL2-CS1N24-B-TR

Upright USB 3.2 Gen 2 Type C, 24 Pins

RoHS Compliant, Halogen Free

RoHS COMPLIANT

Tolerances

X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise

