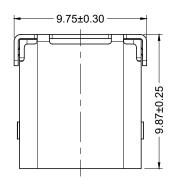
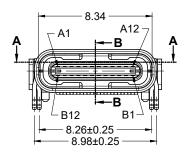
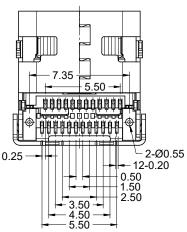
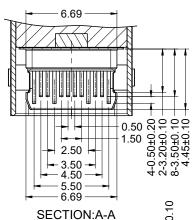
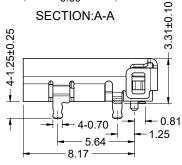
(408)494-033095037 1 Q Ĭ, Morgan Drive, Digital 305 Inc. KYCON,

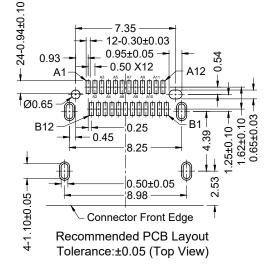


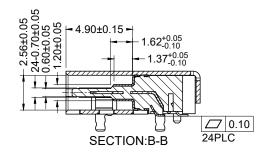


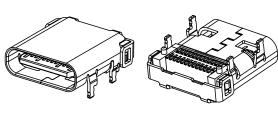


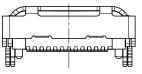












USB Type-C Pin Assignments							
Pin	Signal Name	Pin	Signal Name				
A1	GND	B12	GND				
A2	SSTXp1	B11	SSRXp1				
А3	SSTXn1	B10	SSRXn1				
A4	Vbus	В9	Vbus				
A5	CC1	B8	SBU2				
A6	DP1	B7	DN2				
A7	DN1	B6	DP2				
A8	SBU1	B5	CC2				
A9	Vbus	B4	Vbus				
A10	SSRXn2	В3	SSTXn2				
A11	SSRXp2	B2	SSTXp2				
A12	GND	B1	GND				

Part Number	Gold Plating	
KUSBX-SMT-CS-4-BK-TR	Flash	
KUSBX-SMT-CS-4-BK-30TR	30u"	

Materials and Finish

Insulator: High Temp.,

UL94V-0 Rated, Halogen Free,

Color: Black

Contact Material: Copper Alloy

Contact Plating:

Standard Option (Blank):

Gold Flash Plated in Contact Area

30 Option:

30u" Gold Plated in Contact Area

Tin Plated in Solder Area
With 50u" Nickel Under-plate

Shield: Stainless Steel, 50u" Nickel Plated

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: 30V

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

(6N - 20N After 10,000 Cycles)

Durability: 10,000 Cycles Operating Temperature:

-55°C to 85°C



Tolerances

X.X ± 0.30

X.XX ± 0.25

Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	05/23/22	New Drawing Extraction Durability	C. Kelleher	C. Furumasu	C. Kelleher	05/19/22
A0.2 A1	06/07/22 09/27/22	Release Drawing	C. Kelleher C. Kelleher	C. Furumasu C. Furumasu		
A2	03/09/23	Update Description	C. Kelleher	C. Furumasu	$\bigoplus $	UNITS
						mm
		I				

KUSBX-SMT-CS-4-BK-xxTR

("xx" = Contact Plating Option)

USB 4, Type C Socket, SMT, Gold Plated,

Black, T&R Packaging, RoHS, Halogen Free

