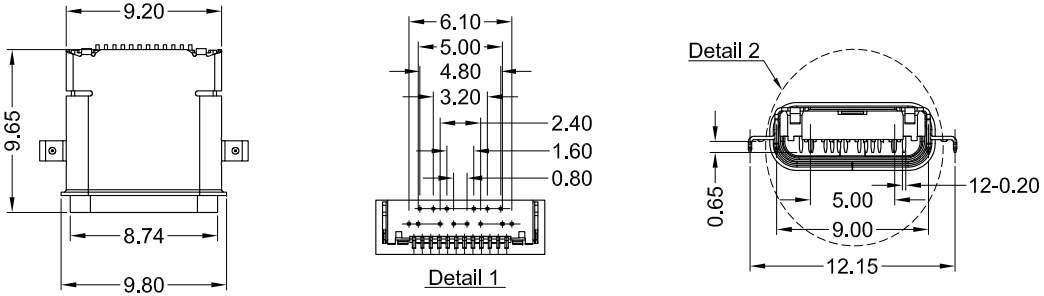
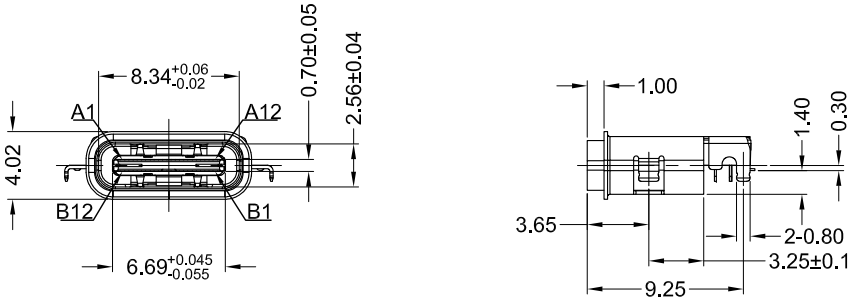
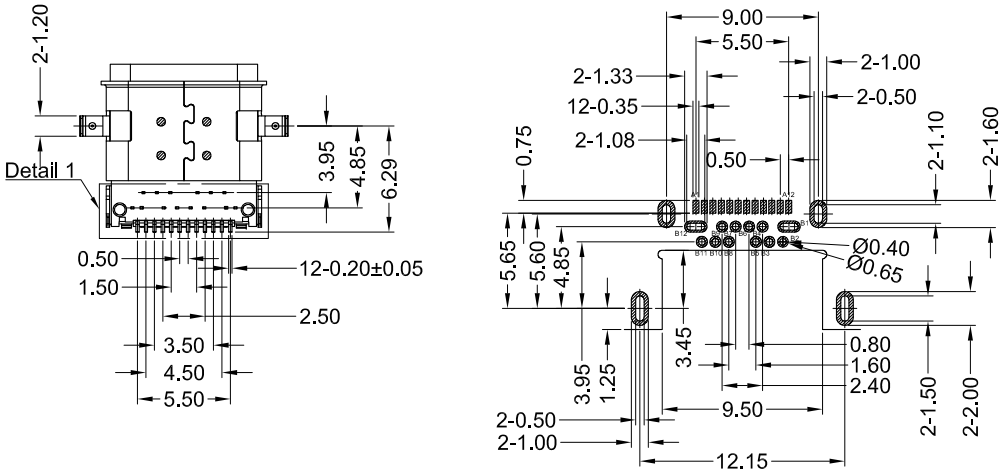
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330







Recommended PCB Layout
Suggested PCB Thickness: 0.60 mm
(Top View)

Pin	Name	Pin	Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SVU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

Materials and Finish

Housing: High Temp Thermoplastic
UL 94V-0 Rated, Black Color

Shield: Stainless Steel, Nickel Plated

Contact Material:
Copper Alloy

Contact plating:

15u" Gold Plated on Contact Area,
Tin Plated on Solder Tails,
All over Nickel Underplate

Electrical Characteristics

Rated Current:
5.0A Inclusive (1.25A Ea.) For Pins A4, A9, B4, and B9 (VBUS)
1.25A For pin B5 (VCONN)
6.25A Inclusive For Pins A1, A12, B1, and B12 (GND)
0.25A For All Other Pins

Rated Voltage: 30V

Insulation Resistance:
100 Megohms Min. at 250V DC

Contact Resistance:
40 milliohms Max.

Dielectric Withstanding Voltage:
100V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force: 5N - 20N

Withdrawal Force: 8N - 20N

Durability: 10000 Mating Cycles Min.

Operating Temperature:
-40°C to +80°C

RoHS COMPLIANT

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A0.1	05/17/19	New Drawing	G. Serrato	D. Shehan
A0.2	05/20/19	Add Part Number	G. Serrato	D. Shehan
A1	09/27/19	Release Drawing	C. Kelleher	D. Shehan
A2	08/03/21	Edit Chart	C. Kelleher	C. Furumasu

DRAWN BY	DATE
G. Serrato	05/17/19
UNITS	
mm	

KUSB67X-MM-CS1-B15TR

Sheet 1 of 2

USB 3.2 Gen 2 Type-C Socket,

IP67, Mid Mount, Black, 15u", T/R

KYCON