

Material and Finish

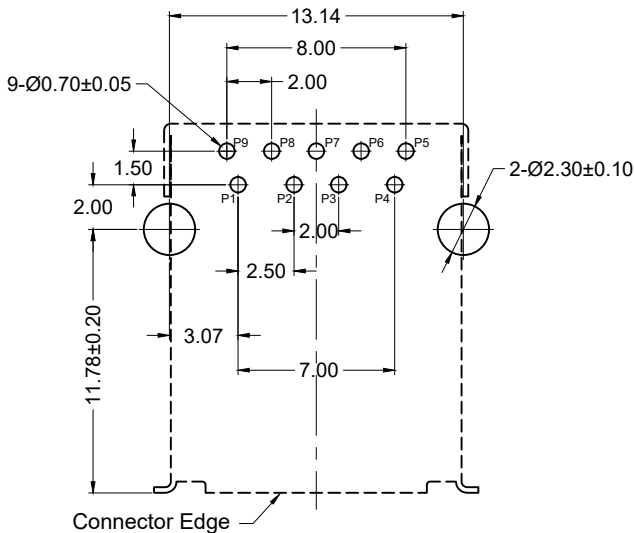
Housing: PBT UL94V-0, Color: Blue
 Baffle: Nylon66 UL94V-0, Color: Blue
 2.0 Contacts (4 Pin): Phosphor Bronze
 3.0 Contacts (5 Pin): Brass
 Plating Options:
 30 Option: 30u" Gold Plating on Contact Area;
 100u" Tin Plating on Solder Tails; All Over
 50u" Nickel Underplating
 Shell: Brass; Nickel Plating

Electrical Specification

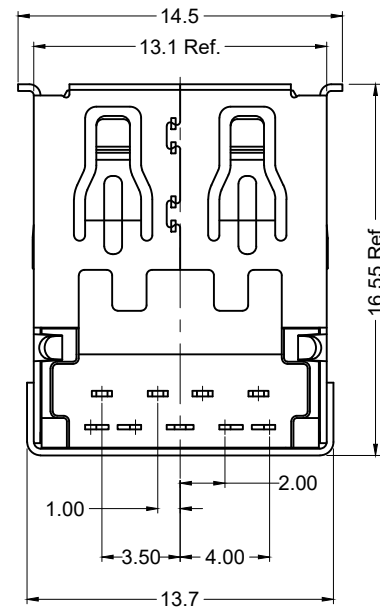
Current Rating: 1.8 Amp (Pin 1&4)
 0.25 Amp all Other Pins
 Insulation Resistance: 100 Megohm Min
 Contact Resistance: 30 milliohm Max
 Dielectric Withstanding Voltage: 100V AC Min

Mechanical Characteristics

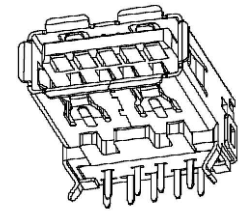
Insertion Force: 3.5Kg Max
 Withdrawal Force: 1.0Kg Min
 Durability: 1500 Cycles
 Operating Temperature: -55°c to +85°c.



Recommended PCB Layout (Top View)



Pin Number	Signal Name
1	VBUS
2	D -
3	D +
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND-DRAIN
8	StdA_SSTX-
9	StdA_SSTX+



Part Number	Dim "A"	Plating Option
KUSBX-AS1N9-1-BL30	2.15	30u" Gold (30 Option)
KUSBX-AS1N9-2-BL30	3.10	30u" Gold (30 Option)

Tolerances
X.X ± 0.38
X.XX ± 0.25
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A4	07/23/10	ECO #10-053	S. Vien	H. MA	S. Vien	03/08/10
A5	02/17/11	ECO #11-014	S. Vien	H. MA		
A6	05/08/13	ECO #13-020	W. Cook	P. DalCanto	UNITS	mm
A7	01/26/15	ECO #15-002	C. Kelleher	H. Ma		
A8	03/13/17	ECO #17-006	H. MA	W. Cook	mm	
A9	03/08/19	ECO #19-025	G. Serrato	D. Shehan		

KUSBX-AS1N9-x-BL

Right Angle Type A Receptacle

USB 3.2 Gen 1, Blue, Through Hole

