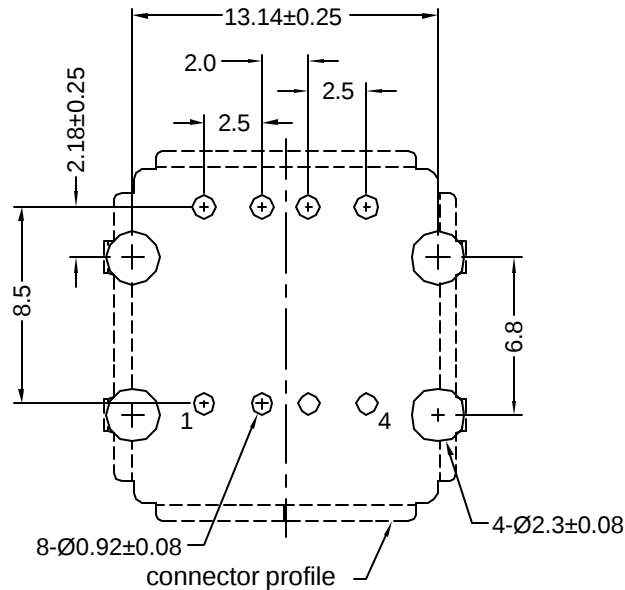
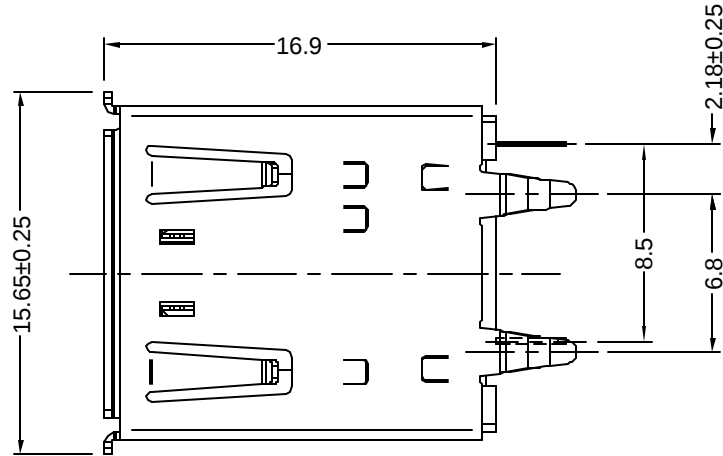
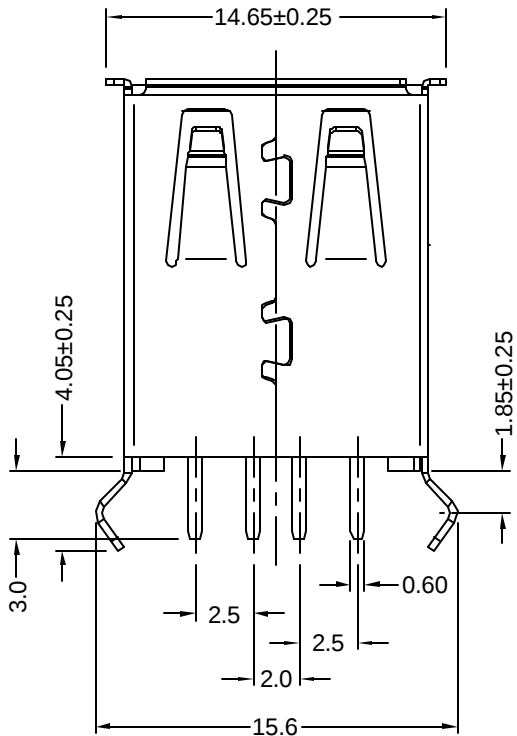
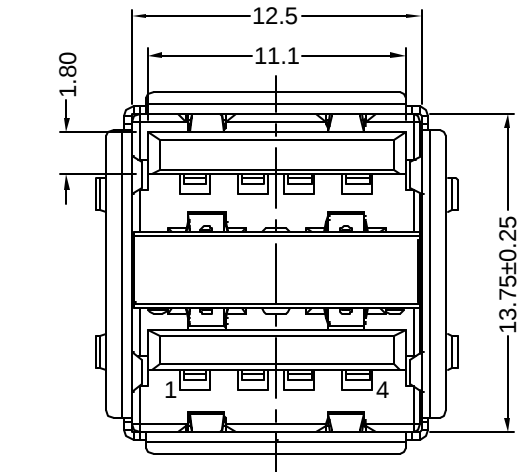




Recommended PCB Layout
(top view)

Material and Finish

Shield Material: brass, 0.30mm thick

Shield Plating: 120u" thick nickel over 50u" thick copper

Grounding Strip: stainless steel, 0.20mm thick

Insulator: PBT thermoplastic, glass-fiber reinforced, UL94V-0 rated, black or white color

Contact Material: brass, 0.25mm thick

Contact Plating Options:

Standard: gold flash on contact area, 120u" min. tin/lead on soldertails, all over 50u" min. nickel underplate

30 Option: 30u" gold on contact area, 120u" min. tin/lead on soldertails, all over 50u" min. nickel underplate

Specifications

Contact Current Rating: 1A max.

Contact Resistance: 30 milliohm max.

Insulation Resistance: 1000 Megohm min.

Dielectric Withstanding Voltage: 750V AC (sea level)

Insertion Force: 3.57kg max.

Extraction Force: 1.02kg min.

Operating Temperature: -55°C to +85°C

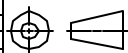
Durability: 1500 mating cycles min.

Part Number	Contact Area Plating	Insulator Color
KUSBV-AS-2-N-WHT	Gold Flash (standard)	White
KUSBV-AS-2-N-WHT30	30u" Gold (30 option)	
KUSBV-AS-2-N-BLK	Gold Flash (standard)	Black
KUSBV-AS-2-N-BLK30	30u" Gold (30 option)	



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	4/18/03	New Drawing	T. Gokcek	C. Leiva	T. Gokcek	4/17/03
A1	4/23/03	update PCB hole tolerances	T. Gokcek	H. MA		
A2	6/5/03	Release Drawing	T. Gokcek	H. MA		
A3	6/25/04	ECO#04-029	H. MA	C. Leiva		
A4	9/19/05	ECO#05-043	R. Aguirre	H. Ma		



KUSBV-AS-2-N-xxxxyy

xxx - insulator color
yy - plating option

USB A-type Receptacle, Stacked

Vertical, Through-Hole, Black or White Insulator



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[Kycon:](#)

[KUSBV-AS-2-N-BLK](#) [KUSBV-AS-2-N-WHT](#)