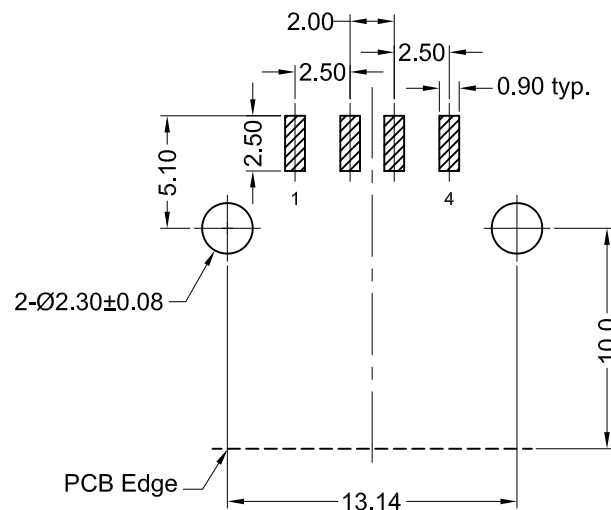
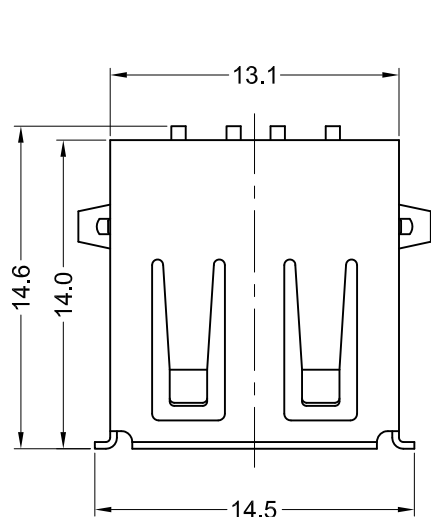
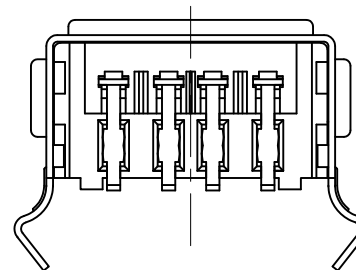
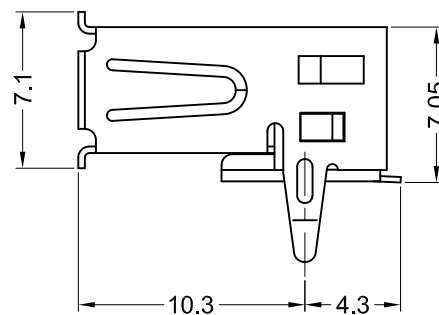
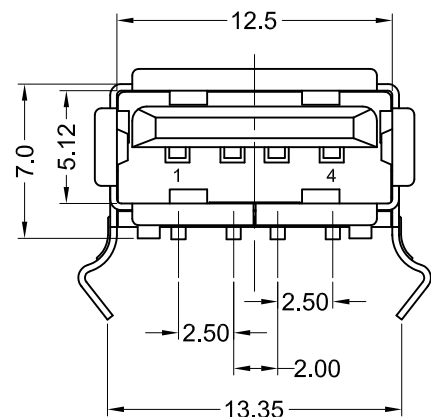


Recommended PCB Layout
(component side)**Materials and Finish**

Insulator: High Temp.

UL94V-0 rated

Color: white or black

Recommended reflow

Soldering Temperature:

260 ° C for 10 sec.

Contact Material:

phosphor bronze

Plating Options:

Standard: gold flash
on contact area, 120u"
tin on soldertails,
all over 50u" nickel

30 Option: 30u" Gold
on contact area, 120u"
tin on soldertails,
all over 50u" nickel

Shield: copper alloy,
100-200u" nickel plated
over 100u" copper

Electrical Specifications

Rated Voltage:
30V AC (rms)

Contact Current Rating:
1A max.

Contact Resistance:
30 milliohms Max.

Insulation Resistance:
1000 Megohms Min.

Dielectric Withstanding:
500V AC

Mechanical Specifications

Insertion Force:
3.57kg max.

Extraction Force:
1.02kg min.

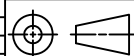
Operating Temperature:
-40°C to 85°C

Part Number	Contact Area Plating Finish	*Insulator Color	Packaging
KUSBX-SMT-AS1N-W	Gold Flash (standard)	White	Bulk (trays, standard)
KUSBX-SMT-AS1N-W30	30u" Gold (30 option)	White	Bulk (trays, standard)
KUSBX-SMT-AS1N-B	Gold Flash (standard)	Black	Bulk (trays, standard)
KUSBX-SMT-AS1N-B30	30u" Gold (30 option)	Black	Bulk (trays, standard)
KUSBX-SMTAS1NWTR	Gold Flash (standard)	White	Tape-and-Reel (TR option)
KUSBX-SMTAS1NW30TR	30u" Gold (30 option)	White	Tape-and-Reel (TR option)
KUSBX-SMTAS1NBTR	Gold Flash (standard)	Black	Tape-and-Reel (TR option)
KUSBX-SMTAS1NB30TR	30u" Gold (30 option)	Black	Tape-and-Reel (TR option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	8/01/05	New Drawing	R. Aguirre	H. Ma	R. Aguirre	8/01/05
A2	9/6/06	ECO#06-056	H. MA	C. Furumasa		
A3	09/29/11	ECO #11-064	S. Vien	H. MA		
A4	05/08/13	ECO #13-020	W. Cook	P. DalCanto		

**KUSBX-SMT-AS1N-xxx**

xxx = color and plating options

USB A-type Receptacle ,RoHS Compliant

Single, Right Angle, SMT



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KUSBX-SMT-AS1N-B30](#)