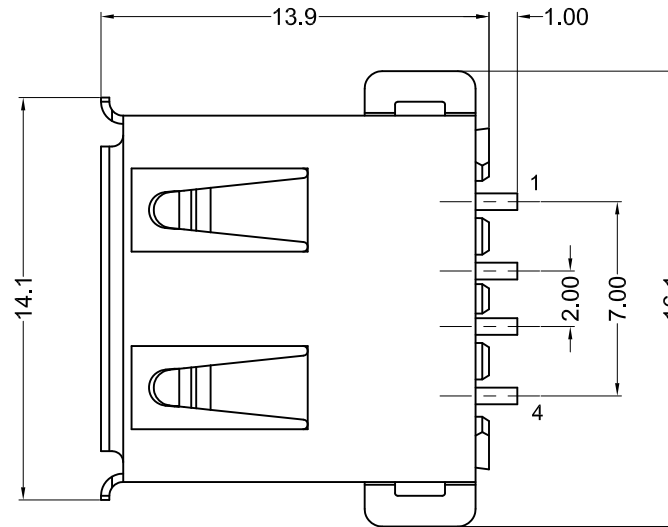


Recommended PCB Layout
(Bottom View)



Material and Finish

Insulator: High Temp.
UL94V-0-Rated

Contact: Phosphor Bronze

Contact Plating Options:

Standard: Gold flash on contact area, tin on soldertails, all over nickel underplate

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

Shell: Brass, Nickel Plated

Electrical Specifications

Contact Current Rating:
1.0A AC/DC

Voltage Rating:
30V AC/DC

Contact Resistance:
20 milliohms max.

Insulation Resistance:
1000 Megohms min.

Dielectric Withstanding Voltage:
750V AC for 1 Min.

Operating Temperature:
-40°C to +105°C

Part Number	Contact Area Plating Finish	Insulator Color	Packaging
KUSBEX-SMT2-AS1N-WTR	Gold Flash (standard)	White	Tape & Reel (TR option)
KUSBEX-SMT2-AS1N-W30TR	30u" Gold (-30 option)		
KUSBEX-SMT2-AS1N-BTR	Gold Flash (standard)	Black	Tape & Reel (TR option)
KUSBEX-SMT2-AS1N-B30TR	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
B1	09/08/09	Design Change	S. Vien	H. MA	R. Aguirre	02/05/08
B2	11/05/09	Add Part Number	S. Vien	H. MA		
B3	1/05/10	Release Drawing	H. MA	N/A		
C1	03/12/10	ECO #10-013	S. Vien	H. MA	UNITS	mm
C2	08/04/11	ECO #11-052	S. Vien	P. DalCanto		
C3	05/08/13	ECO #13-020	W. Cook	P. DalCanto		

KUSBEX-SMT2-AS1N-x

USB A-Type, SMT, RoHS Compliant

Locating Post with SMT Shield Type



Mouser Electronics

Authorized Distributor

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[KUSBEX-SMT2-AS1N-B30TR](#)