



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 milliohm max.

Insulation Resistance:
1000 Megohms min.

Dielectric Withstanding Voltage:
750V AC for 1 Min.

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

Part Number	Insulator Color	Contact Area Plating Finish	Packaging
KUSBEX-SMT-ASFS1N-WTR	White	Gold Flash (standard)	Tape & Reel
KUSBEX-SMT-ASFS1N-W30TR	White	30u" Gold (30 option)	Tape & Reel
KUSBEX-SMT-ASFS1N-BTR	Black	Gold Flash (standard)	Tape & Reel
KUSBEX-SMT-ASFS1N-B30TR	Black	30u" Gold (30 option)	Tape & Reel

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A5	01/14/09	ECO# 09-003	S. Vien	H. MA	WILL H.	11/15/07
B1	03/12/09	ECO# 09-025	S. Vien	H. MA		
C1	03/12/10	ECO# 10-013	S. Vien	H. MA		
C2	08/04/11	ECO #11-052	S. Vien	P. DalCanto	UNITS	mm
C3	05/08/13	ECO #13-020	W. Cook	P. DalCanto		
C4	08/09/18	Update Address & RoHS	C. Kelleher	C. Furumasu		

KUSBEX-SMT-ASFS1N-xxx
xxx = color and plating options

USB A-type Receptacle, RoHS Compliant
With Back Cover, Right Angle, SMT

