



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 ± 0.25
X.XX ± 0.15
Unless Stated
Otherwise

**Materials and Finish**

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

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

**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

Insertion Force:  
3.57kg max.

Extraction Force:  
1.02kg min.

Operating Temperature:  
-25°C to 80°C

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	ECC#06-056	H. MA	C. Furumasa		

**KUSBX-SMT-AS1N-xxx**

xxx = color and plating options

USB A-type Receptacle ,RoHS Compliant

Single, Right Angle, SMT

