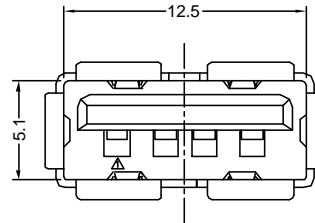


Recommended PCB Layout



Part Number	Plating	Color
KUSBV-AS-1-N-WHT	Flash	White
KUSBV-AS-1-N-WHT30	30u"	White
KUSBV-AS-1-N-BLK	Flash	Black
KUSBV-AS-1-N-BLK30	30u"	Black

**Materials and Finish**

Shell: Bronze  
 Plating- 5um (200u")  
 Tin-lead  
 Over 2.5um (100u") Cu

Insulator: UL94V-0 Rated  
 Thermoplastic  
 Color- White or Black

Contacts: Phosphor Bronze

**Plating Options:**

Standard- Gold Flash  
 on Contact Area,  
 3.8um (150u") Tin/Lead  
 on Solder Tail, all over  
 1.27um (50u") Nickel  
 -30 Option- 30u" Gold  
 on Contact Area, Tin/Lead  
 on Solder Tail, all over  
 Nickel

**Specifications**

Rated Voltage:  
 30V AC (rms)

Contact Current Rating:  
 1A Max.

Contact Resistance:  
 30 milliohms Max.

Insulation Resistance:  
 1000 Megohms Min.

Dielectric Withstanding:  
 750V AC

Insertion Force:  
 3.57kg max.

Extraction Force:  
 1.02kg min.

Operating Temperature:  
 -55°C to 85°C

Durability:  
 1500 mating cycles min.

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

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
B7	8/04/04	ECD #04-039	C. Leiva	H. MA	mm
B8	9/08/05	ECD #05-043	REVISED BY	REV CHECK DATE	DATE
B9	4/19/06	ECD #06-014	R. Aguirre	4/24/06	12/22/97

KUSBV-AS-1-N-xxx

USB A-type Receptacle

Single, Vertical, Through Hole

