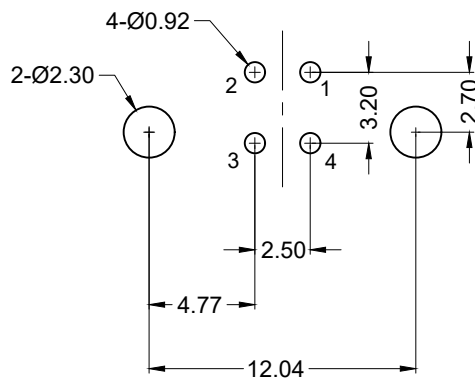


Recommended PCB Layout
(Top View)



Materials and Finish

Insulator: UL94V-0 Rated
 PBT Thermoplastic
 Color- White or Black
 Contacts: Copper Alloy
 Plating- Nickel or Tin Plating
 Plating Options:
 Standard-Gold Flash
 on Contact Area, Tin
 on Solder Tail, all over Nickel
 -30 Option- 30u" Gold
 on Contact Area, Tin
 on Solder Tail, all over Nickel
 Shell: Copper Alloy

Electrical Specifications

Contact Current Rating: 1A max.
 Contact Resistance: 30 milliohm max.
 Insulation Resistance: 1000 Megohm min.
 Dielectric Withstanding Voltage:
 500V AC (sea level)

Mechanical Specifications

Insertion Force: 3.57kg max.
 Extraction Force: 1.02kg min.
 Operating Temperature: -55°C to +85°C
 Durability: 1500 mating cycles min.

Part Number	Plating	Color
KUSBVX-BS1N-W	Flash	White
KUSBVX-BS1N-W30	30u"	White
KUSBVX-BS1N-B	Flash	Black
KUSBVX-BS1N-B30	30u"	Black



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	5/18/05	New Drawing	H. MA	C. Furumasu	H. MA	5/18/05
A1	7/12/05	Release Drawing	H. MA	N/A		
A2	03/14/08	ECO # 08-034	R. Aguirre	H. MA		
A3	08/25/11	ECO #11-058	S. Vien	H. MA		
A4	05/08/13	ECO #13-020	W. Cook	P. DalCanto		
A5	08/17/18	Address Update	G. Serrato	D. Shehan		

KUSBVX-BS1N-xxx

USB B-type Receptacle, RoHS compliant
 Vertical, 4 Position, Through Hole

