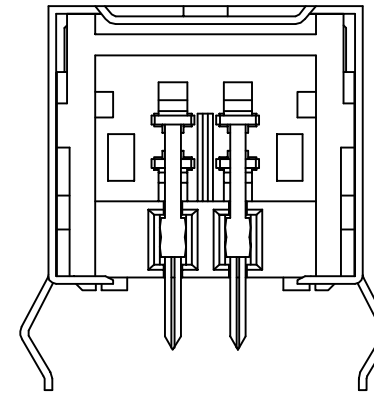
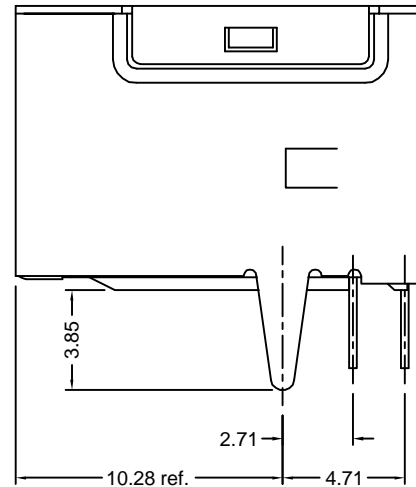
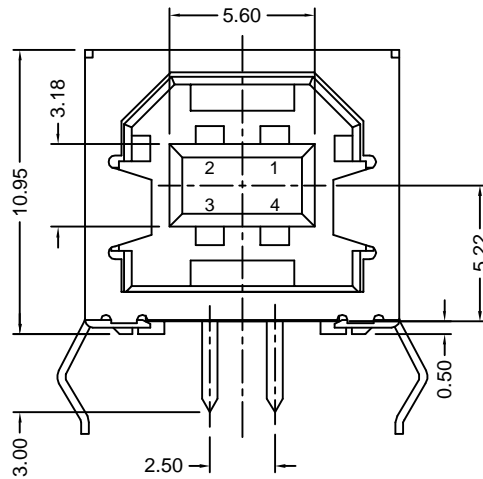


Recommended PCB Layout
(top view)



Materials and Finish

Shell: Brass, 0.3mm thick,
50u" copper underplate,
120u" bright tin/lead finish

Insulator: UL94V-0 rated
PBT thermoplastic
Color- white or black

Contact Material: Phosphor Bronze

Contact Plating Options:

Standard: gold flash
on contact area, 120u" tin/lead
on solder tails, all over
50u" nickel underplate

-30 Option: 30u" gold
on contact area, 120u" tin/lead
on solder tails, all over
50u" nickel underplate

Electrical Characteristics

Rated Voltage: 30V AC (rms)

Contact Current Rating:
1A DC max.

Contact Resistance:
30 milliohms max.

Insulation Resistance:
1000 megohms min.

Dielectric Withstanding Voltage:
750V AC for 1 minute

Operating Temperature:
-55°C to +85°C

Mechanical Specifications

Mating Force: 3.57kg max.

Unmating Force: 1.02kg min.

Part Number	Insulator Color	Contact Area Plating Finish
KUSB-BS-1-N-WHT	white	Gold Flash (standard option)
KUSB-BS-1-N-BLK	black	
KUSB-BS-1-N-WHT-30	white	30u" Gold (-30 option)
KUSB-BS-1-N-BLK-30	black	

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS	KUSB-BS-1-N-xxx	Right Angle USB B-type Receptacle	
A1	6/16/99	Add Dim. Tol	C. Leiva		mm			
A2	10/19/00	Ref ECO 99-126	CHECKED BY	APPROVED BY	DATE		4 Position, Gold	
B1	4/9/01	Ref ECO 01-034			9/16/99			



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