



RoHS



KUSBVX Series

Vertical Top Entry Universal Serial Bus 3.0

Features



- Also Known as SuperSpeed USB
- Vertical Top Entry, Through Hole Termination
- B Type Available
- Meets USB-IF 3.0 Specification
- Backwards and Forward Compatible to USB 2.0 Products
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Insulator: PBT+30%GF Thermoplastic, UL 94V-0 Rated, Blue Color

Contact A (4 Pin): Phosphor Bronze

Contact B (5 Pin): Brass

Plating: 30µ" Gold Plating over Nickel on Contact area, Tin Plating on Solder Tail

Shell: Brass, Nickel Plated

Electrical Characteristics

Rated Current: 1.8A

Insulation Resistance: 1000 Megohms

Contact Resistance: 50 milliohms Max.

Dielectric Withstanding Voltage: 100V AC Min.

Mechanical Characteristics

Insertion Force: 2.5Kg Max.

Withdrawal Force: 1.0-2.5Kg Min.

Durability: 5000 cycles Min.

Operating Temperature: See Drawing

UNIVERSAL SERIAL BUS 3.0

KUSBVX Series

Documentation & Ordering Information

Kycon Part

Part Number Builder

Series	Type	Insulator Option	Plating Option
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Series

KUSBVX - Vertical Top Entry Universal Serial Bus

Type

BS1N9 - B Type, 9 pins

Insulator Color Option

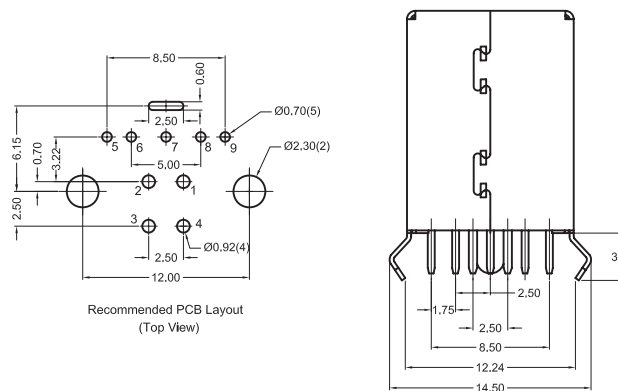
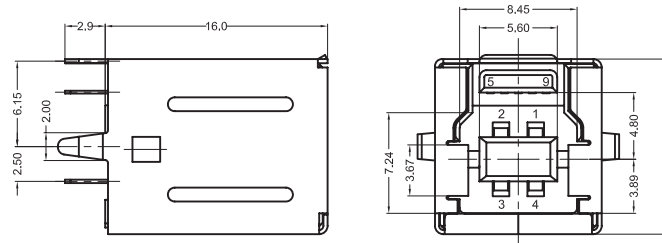
BL - Blue

Plating Option

30 - 30µ" Gold

KUSBVX-BS1N9-BL30

Dimensions in mm



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdB SSTX-
6	StdB SSTX+
7	GND-DRAIN
8	StdB SSRX-
9	StdB SSRX+