2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number

KUSBVX-BS1N9-BL30

Part Number Builder

KUSBVX	–	BS1N9	BL	30
Series		Type	Insulator Color Option	Plating Option

Series
KUSBVX - Vertical Top Entry Universal Serial Bus

Type
BS1N9 - B Type, 9 Pins

Insulator Color Option
BL - Blue

Plating Option
30 - 30µ" Gold Plating

Contact Kycon for other options

UNIVERSAL SERIAL BUS: KUSBVX Series
Vertical Top Entry USB 3.0

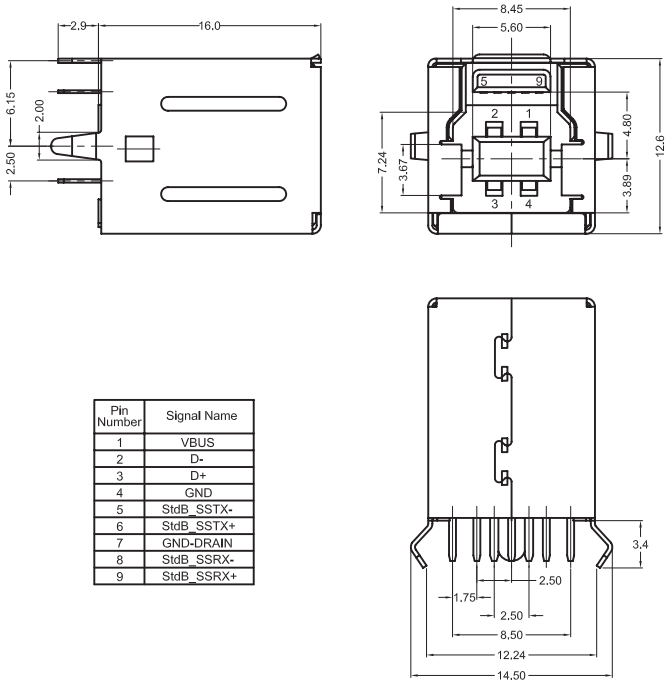
Product Features
Also Known as SuperSpeed USB
Vertical Top Entry, Through Hole Termination
A Type Available
Meets USB-IF 3.0 Specifications
Backwards and Forward Compatible to USB 2.0 Products

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

Mechanical Characteristics
Insertion Force: 2.57kg Max.
Extraction Force: 1.0-2.5kg Min.
Durability: 5000 Cycles Min.
Operating Temperature: See Drawing

Electrical Characteristics
Rated Current: 1.8A
Insulation Resistance: 1000 Megohms
Contact Resistance: 50 milliohms Max
Dielectric Withstanding Voltage: 100V AC for 1 Minute

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+