

USB 2 Type A

Vertical Through Hole



Introduction:

This connector is a complete line of shielded, hot pluggable, high speed I/O interface connector. Each is shielded for superior EMI/RFI protection and features spring contacts for exceptional connectivity properties. Specially designed shells with flares eliminate misconnection and kinked boardlocks add a strong, stable PCB attachment. An ideal solution for a low cost, high speed connection to peripheral devices.

Features:

- Industry Standard Compatible
- High Speed I/O applications
- Variety of Circuit sizes
- Variety of Body Styles
- Standard and Mini versions
- Shielded for EMI/RFI protection

Specifications:

Material:

Standard insulator	: PBT, Glass filled
Optional Hi-Temp insulator	: Nylon PA9T
Insulator Colour	: Black (White optional)
Contacts	: Phosphor Bronze or Brass
Shell	: Steel, nickel plated
Contact Plating	: Gold Flash over Nickel on mating area, Tin over Copper underplate on tails

Electrical:

Operating Voltage	: 30V AC
Current Rating	: 1 Amp max.
Contact Resistance	: 30mΩ max.
Insulation Resistance	: 1,000MΩ min.
Dielectric Withstanding Voltage	: 100V AC for 1 minute

Mechanical:

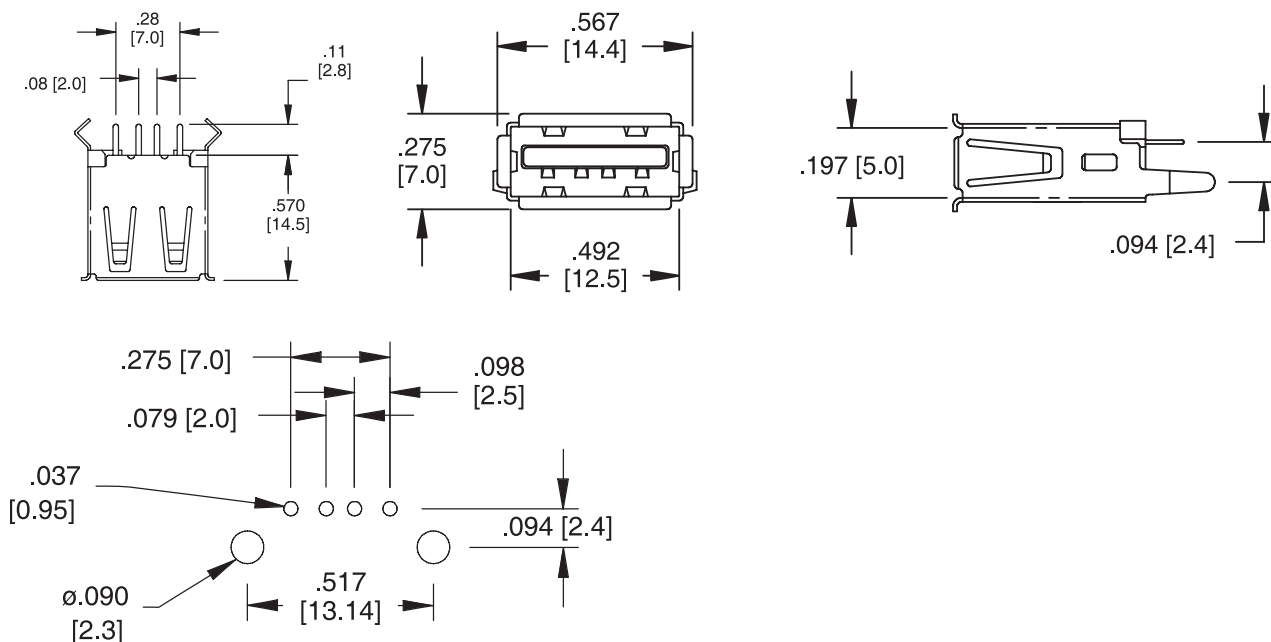
Insertion force	: 3 oz max.
Withdrawal force	: 0.5 oz min.

Temperature Ratings:

Operating Temperature	: PBT: -40°C to +85°C Nylon PA9T: -55°C to +105°C
Soldering process temperature	: Standard insulator: 235°C Hi-Temp insulator: 260°C

USB 2 Type A

Vertical Through Hole



Dimensions : Inches (Millimeters)

Part Number Table

Description	Part Number
USB 2 Type A, Receptacle	USB-A-S-VT

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.