

# USB INTERFACES USB-A SERIES

## SPECIFICATIONS

For complete specifications see [www.samtec.com?USB-A](http://www.samtec.com?USB-A)

**Insulator Material:**

High Temperature Thermoplastic

**Contact Material:**

Phosphor Bronze

**Shell Material:**

Copper Alloy

**Operating Temp Range:**

-40°C to +60°C

**Plating:**

Gold on Contacts, Nickel on Shell and Tin-Lead on Tails

**Current Rating:**

1 A per contact

**Voltage Rating:**

30 VAC

**Contact Resistance:**

30 m max

**Minimum Cycles:**

1500

## ALSO AVAILABLE

Vertical, Top Entry (-VT) and Non-Offset Surface Mount (-SM2). Contact Samtec.

Meets USB 2.0 Specifications

Horizontal and Upright

Single or Double

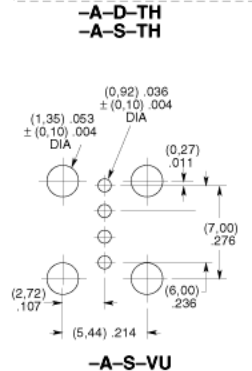
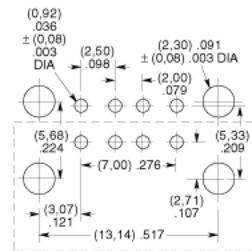
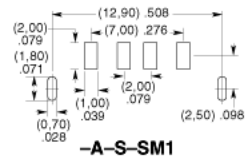
Selectively Plated

Through-Hole and Surface Mount

## Processing:

**Suggested PCB Layouts:**

For reference only. Please contact Samtec or go to [www.samtec.com?USB-A](http://www.samtec.com?USB-A) for recommended PCB layout.



USB	TYPE	SHELL TYPE	PLATING	COLOR	TERMINATION
	-A = A Type (Socket)	-S = Single  -D = Double (Through-Hole Only)	-F = Gold Flash on Mating Area, Tin-Lead on Tails  -S = 30µ" (0,76 µm) Gold on Mating Area, Tin-Lead on Tails	-B = Black  -W = White	-TH = Through-Hole  -SM1 = Offset Surface Mount  -VU = Upright, Through-Hole

Due to technical progress, all designs, specifications and components are subject to change without notice.