

USB INTERFACES USB-A SERIES

SPECIFICATIONS

For complete specifications see 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

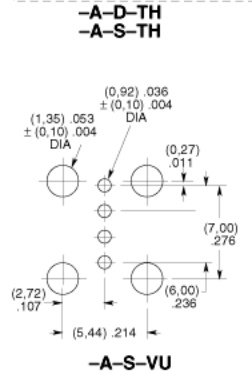
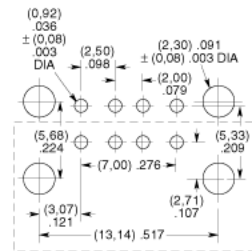
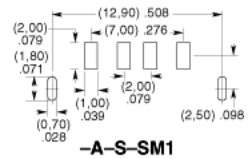
Selectively Plated

Through-Hole and Surface Mount

Processing:

Suggested PCB Layouts:

For reference only. Please contact Samtec or go to www.samtec.com?USB-A 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.