

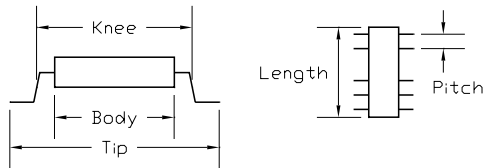
# PAXXSO1-2006-3 or -6 Data Sheet

8-20 Pin SOP socket/8-20 Pin DIP 0.3" or 0.6" plug

## Supported Device/Footprints

Using this adapter, many SOP packaged devices can be programmed on DIP programmers.

The SOP socket accepts packages with the dimensions listed below:



Body mm (inches)			Knee mm (inches)		
min.	typ.	max.	min.	typ.	max.
4.9 (0.193)	5.3 (0.209)	5.4 (0.213)	n/a	6.8 (0.268)	7.1 (0.279)
Tip mm (inches)			Body Length	Lead Pitch	
min.	typ.	max.	n/a	1.27 (0.50)	
7.65 (0.301)	7.8 (0.307)	n/a			

## Adapter Construction

The adapter is made up of 2 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be replaced easily.

When disassembling the adapter take care not to bend the pins. When reassembling the adapter note the pin 1 indicators to align the parts correctly.

The following chart shows the various socket and board part numbers that make up these adapters.

Adapter	Socket	Board
PA8SO1-2006-3	8(20H)SD-06	FP8-06-3
PA8SO1-2006-6	8(20H)SD-06	FP8-06-6
PA14SO1-2006-3(6)	14(20H)SD-06	FP20-06-14-3(6)
PA16SO1-2006-3(6)	16(20H)SD-06	FP20-06-16-3(6)
PA18SO1-2006-3(6)	18(20H)SD-06	FP20-06-18-3(6)
PA20SO1-2006-3(6)	20SD-06	FP20-06-3(6)

## Test Socket

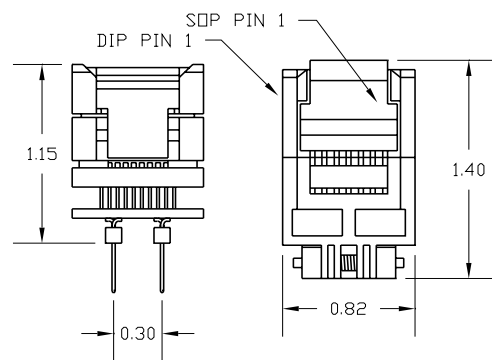
LSC #	Style	Mfgr/Pn
20SD-06	Lidded ZIF	Enplas FP-20-1.27-06
xx(20H)SD-06	Lidded ZIF	Enplas FP-xx(20H)-1.27-06

The 20 pin socket is depopulated for the lower pin counts. It is depopulated at the Pin 1 end. If you remove the socket be sure to replace it with the latch as shown in the picture.

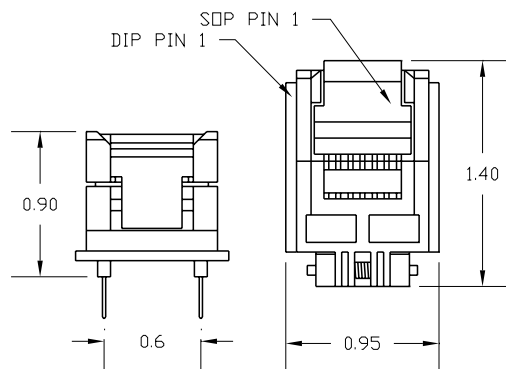
## Circuit Board

The 14 through 20 pin adapters are built using the same circuit board: FP20-06. The board is depopulated at the Pin 1 end. The various part numbers for this board are listed in the part number chart above.

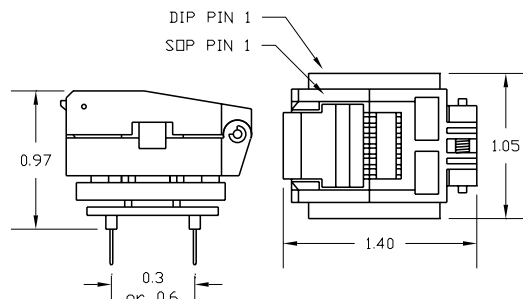
## Adapter Dimensions



PA8SO1-2006-3



PA8SO1-2006-6



PAXXSO1-2006-3 or -6

## Adapter Wiring

The adapter is wired 1-1. Pin 1 of the device connects to pin 1 of the DIP footprint, pin 2 to pin 2, and so on around the adapter.



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