

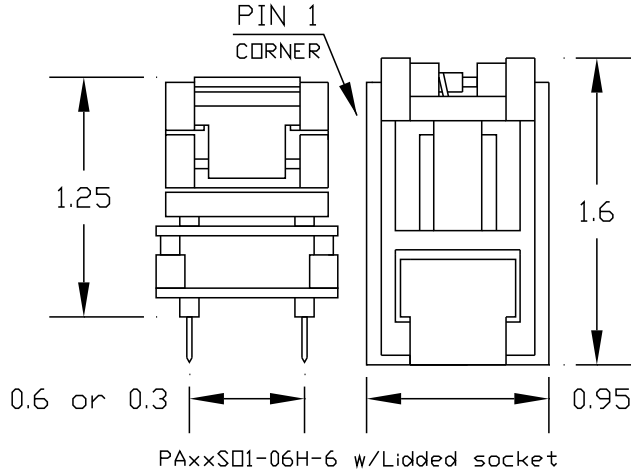
# PAxxSO1-06(H)-x Data Sheet

## 14-28 pin SO socket/14-28 pin DIP 0.3" or 0.6" plug

### Supported Device/Footprints

Using this adapter, various pin count SO packages with a body width of 8.0mm - 8.5mm and lead pitch 1.27mm can be programmed on DIP programmers.

### Adapter Dimensions



### Adapter Parts & Part Numbers

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

Adapter	Socket	Top Board	Bottom Board
PA14SO1-06H-3	14(28H)SD-06	28SO06	14-14-3
PA14SO1-06H-6	14(28H)SD-06	28SO06	14-14-6
PA16SO1-06H-3	16(28H)SD-06	28SO06	16-16-3
PA16SO1-06H-6	16(28H)SD-06	28SO06	16-16-6
PA18SO1-06H-3	18(28H)SD-06	28SO06	18-18-3
PA18SO1-06H-6	18(28H)SD-06	28SO06	18-18-6
PA20SO1-06H-3	20(28H)SD-06	28SO06	20-20-3
PA20SO1-06H-6	20(28H)SD-06	28SO06	20-20-6
PA24SO1-06H-3	24(28H)SD-06	28SO06	24-24-3
PA24SO1-06H-6	24(28H)SD-06	28SO06	24-24-6
PA28SO1-06-3	28SD-06	28SO06	28-28-3
PA28SO1-06-6	28SD-06	28SO06	28-28-6

### Wiring

Wiring is 1 to 1. Pin 1 of the SO device is wired to pin 1 of the DIP plug. Pin 2 to pin 2 and so on around the adapter.

### Adapter Construction

The adapter is made up of 3 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be replaced when they wear out.

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.

### Test Socket

SO Lidded test socket:

	For 14-24 pin	For 28 pin
Enplas Part #:	FP-xx(28H)-1.27-06 or	FP-28-1.27-06
LSC Part #:	xx(28H)SD-06 or	28SD-06

Some of these sockets are depopulated from 28 pins to fit the various devices. The part numbers are listed in the previous chart. The sockets are removable so that they may be replaced if damage occurs. They are depopulated at the Pin 1 end. If you remove the socket be sure to replace it with the hinge at the Pin 1 end.

### 28SO06

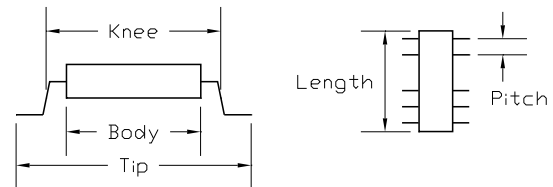
Accepts the test socket and connects to the bottom board that remaps the signals. This part remains the same in all these adapters.

### Bottom Board

May have a 0.3" or 0.6" bottom plug. The various boards are listed in the previous chart.

### Device Dimensions

This socket can accept devices of the following dimensions:



Body mm (inches)			Knee mm (inches)		
min.	typ.	max.	min.	typ.	max.
8.0	8.4	8.5	n/a	10.2	10.3
(0.315)	(0.331)	(0.335)		(0.402)	(0.406)
Tip mm (inches)			Body Length	Lead Pitch	
min.	typ.	max.	n/a	1.27	
10.8	12.0	n/a		(0.050)	
(0.425)	(0.472)				

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