

# PA-SOD-4001-xx Data Sheet

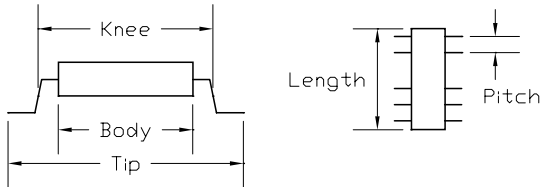
32 or 40 pin SO socket/40 pin SO receptacle  
(SO-Plugs NOT included)

## Supported Device/Footprints

Using this adapter, 32 or 40 pin SO packages with a body width of 11.4mm and lead pitch of 1.27mm can be socketed over their PCB footprints.

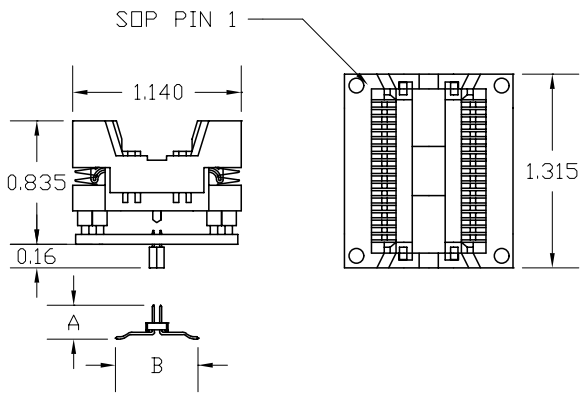
## Device Dimensions

This socket accepts devices of the following dimensions:



Body	Knee	Tip	Pitch	Length
11.4 mm typ	12.4 mm	14.1 mm	1.27 mm	n/a

## Adapter Dimensions



## SO Plugs

SO Plugs are required to connect this adapter to the prototype. They are available separately. The two most common plugs are shown in the following chart. Other SO-Plugs will also mate with this adapter, contact us if you want assistance matching plugs to this adapter.

Plug Kit	A	B
PA-SOF-D560-xx	0.230"	0.570"
PA-SOF-D630-xx	0.290"	0.630"

## 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 lists the adapters described by this datasheet and their subassemblies.

Adapter	Test Socket	Board
PA-SOD-4001-40	40SD-01	40SO-01-SOD
PA-SOD-4001-32	32SD-01	40SO-01-SOD-32

## Test Sockets

LSC #	Style	Mfgr/Pn
40SD-01	Open Top	Enplas OTS-40-1.27-01
32SD-01	Open Top	Enplas OTS-32-1.27-01

## Notes

1. For all versions of the adapter, the board provides 40 positions to receive the SO-Plug. When using plugs with less than 40 pins orient the plug and the device, away from the pin 1 end of the board.

## Wiring

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



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