

PA-SOD-4001-xx Data Sheet

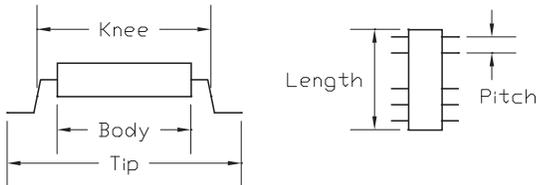
32 or 40 pin SO socket/40 pin SO receptacle
(SO-Plugs NOT included)

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.

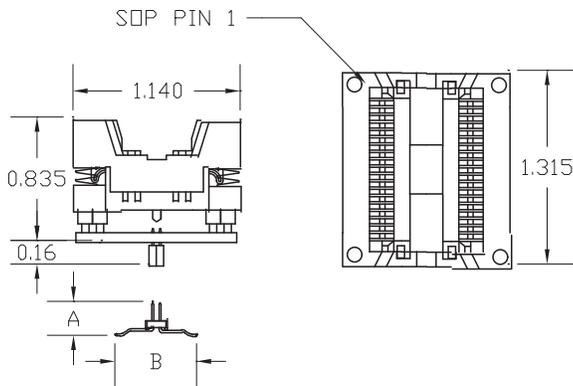
Device Dimensions

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.



Adapters-Plus Inc.

P.O. Box 900
Tracy, Ca 95378
ph.209-839-0200
fax.209-839-0235
email: sales@adapt-plus.com