

# PA-SOD-32-652D Data Sheet

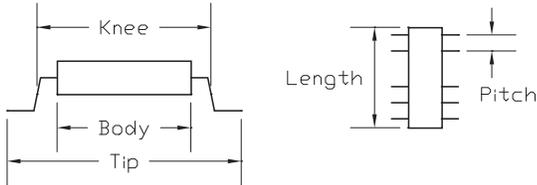
32 pin SO socket/32 pin SO receptacle  
(SO-Plugs NOT included)

## Supported Device/Footprints

Using this adapter, 32 pin SO packages with a body width of 0.300" (7.6mm) and lead pitch of 0.050" (01.27mm) can be socketed over their PCB footprints.

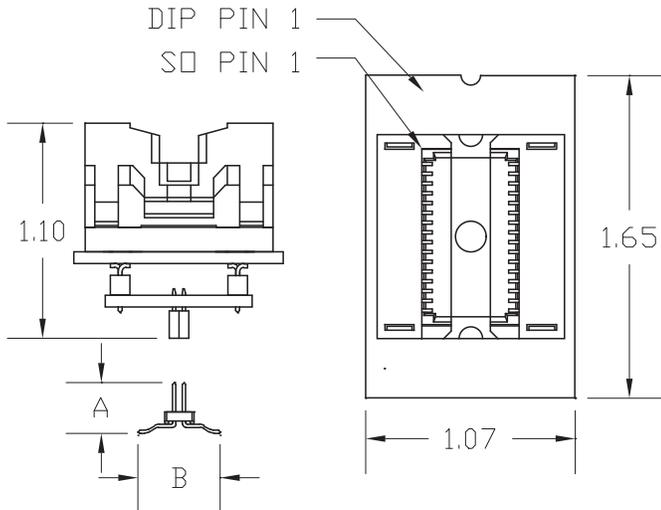
## Device Dimensions

This socket accepts devices of the following dimensions:



Body mm (inches)			Knee mm (inches)		
min.	typ.	max.	min.	typ.	max.
7.4 (0.291)	7.55 (0.297)	7.7 (0.303)	n/a	8.9 (0.350)	9.0 (0.354)
Tip mm (inches)			Body Length	Lead Pitch	
min.	typ.	max.	min.	max.	
10.37 (0.408)	10.57 (0.416)	10.77 (0.424)	20.73 (.816)		1.27 (0.050)

## Adapter Dimensions



## 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-32-652D	32SD-652D	32SO-W1-SOD

## Test Sockets

LSC #	Style	Mfgr/Pn
32SD-652D	Open Top	Wells 652D0322211
32SD-652D-001	Open Top	Wells 652D0322211-001

The -001 socket DOES NOT have guide rails. The rails fit between the device's body and solder feet. The rails help align the device in the socket.

The rails can interfere if the device body is too narrow.

## 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.

## 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-D420-xx	0.260"	0.420"
PA-SOF-D470-xx	0.240"	0.470"