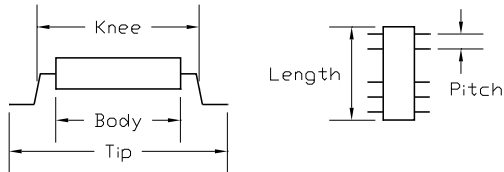# PAxxSO1-OT Data Sheet
xx pin SO Socket/xx pin DIP 0.6" plug

Supported Device/Footprints

Using this adapter, the 32 and 40 pin SO EPROM packages can be programmed on DIP programmers.

	Device		Footprint	
Mfgr	Device	Package	Programmers	Plug
Many	32 pin	SO	Many	40 pin DIP
"	40 pin	"	"	"

Both SOP sockets accept packages with the dimensions listed below:

Body	Knee	Tip	Pitch	Length
11.4mm typ	12.4mm typ	14.1mm typ	1.27mm	n/a
11.8 max		14.3 max.		

Adapter Parts & Part Numbers

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

Adapter	Socket	Board
PA32SO1-OT	32SD-01	32SO-01
PA40SO1-OT	40SD-01	40SO-01

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 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
Open top SO socket:

for PA32SO1-OT:
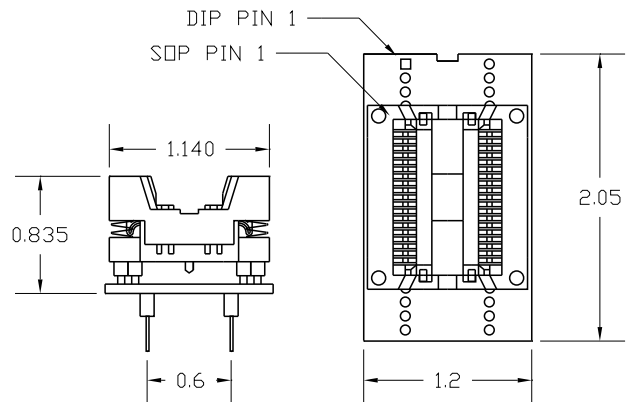   Enplas Part #: OTS-32-1.27-01   LSC Part #: 32SD-01

for PA40SO1-OT:
   Enplas Part #: OTS-40-1.27-01   LSC Part #: 40SD-01

32SO-01 *or* 40SO-01
Accepts the test socket and connects to the 32 or 40 pin DIP footprint.

Adapter Dimensions

(The PA40SO1-OT is shown)

Adapter Wiring

The following chart shows the connections from the SO device to the adapter's DIP plug.

DEVICE	PLUG			DEVICE	PLUG
1	1		On	33	33
2	2		PA40SO1	34	34
3	3		-OT	35	35
4	4		Only:	36	36
5	5			37	37
6	6			38	38
7	7			39	39
8	8			40	40
9	9				
10	10				
11	11				
12	12				
13	13				
14	14				
15	15				
16	16				
17	17				
18	18				
19	19				
20	20				
21	21				
22	22				
23	23				
24	24				
25	25				
26	26				
27	27				
28	28				
29	29				
30	30				
31	31				
32	32				