

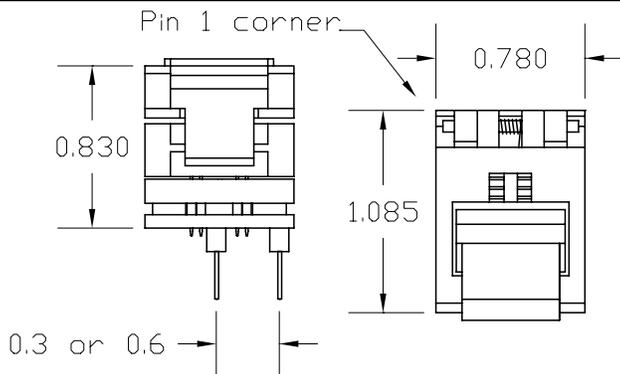
PA16SO-8-1-x Data Sheet

16 pin SO socket/8 pin DIP 0.3" or 0.6" plug

Supported Device/Footprints

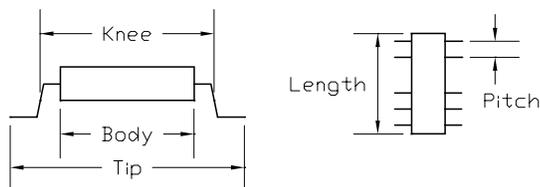
Using these adapters, the Xicor X24128 in a 16 pin SO package with a body width of 3.9mm - 4.0mm and lead pitch (1.27mm) can be programmed as its 8 pin DIP part.

Adapter Dimensions



Device Dimensions

This socket can accept devices of the following dimensions:



Body mm (inches)			Knee mm (inches)		
min.	typ.	max.	min.	typ.	max.
n/a	3.9	4.0	n/a	5.4	5.5
	(0.153)	(0.157)		(0.212)	(0.216)
Tip mm (inches)			Body Length	Lead Pitch	
min.	typ.	max.	n/a	1.27	
6.0	6.9	n/a		(0.050)	
(0.236)	(0.271)				

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

SO Lidded test socket:

Enplas Part #: FP-16-1.27-05

LSC Part #: 16SD-05

The 8 and 14 pin sockets are depopulated from 16 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.

16SO8-1-6

Accepts the test socket and rewires the adapter to a 0.3" or 0.6" DIP plug.

Wiring

The following chart shows the connections between the SO device and the adapter's DIP plug.

DEVICE	SIGNAL	PLUG
1	S0	1
2	S1	2
3	N/C	-
4	N/C	-
5	N/C	-
6	N/C	-
7	S2	3
8	VSS	4
9	SDA	5
10	SCL	6
11	N/C	-
12	N/C	-
13	N/C	-
14	N/C	-
15	WP	7
16	VCC	8