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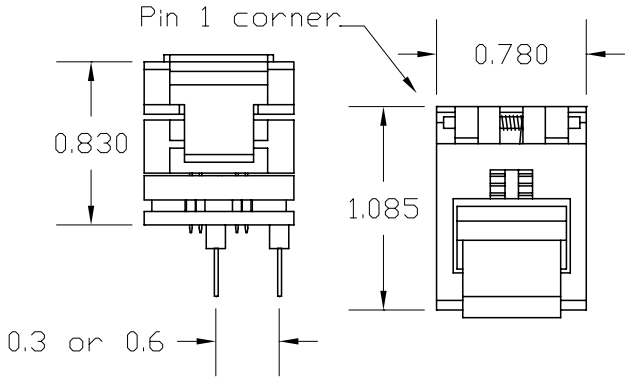
PA8SO1-05-2-x Data Sheet

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

Supported Device/Footprints

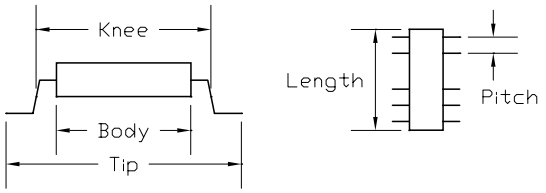
Using thIs adapter, a Microchip 93C06/46X in an 8 pin SO package can be programmed in its DIP footprint.

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 (0.153)	4.0 (0.157)	n/a	5.4 (0.212)	5.5 (0.216)

Tip mm (inches)			Body Length	Lead Pitch
min.	typ.	max.	n/a	1.27 (0.050)
6.0 (0.236)	6.9 (0.271)	n/a		

Adapter Parts & Part Numbers

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

Adapter	Socket	Top Board	DIP Plug Footprint
PA8SO1-05-2-3	8(16H)SD-05	8SO105-2	0.3"
PA8SO1-05-2-6	8(16H)SD-05	8SO105-2	0.6"

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-8(16H)-1.27-05 LSC Part #:8(16H)SD-05

The 8 pin sockets are depopulated from 16 pins to fit the device. 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.

PA8SO105
Accepts the test socket and remaps the pins to the DIP plug.

Wiring

The following chart shows the connections from the SO device to the adapters DIP plug.

DEVICE	PLUG
1	7
2	8
3	1
4	2
5	3
6	4
7	5
8	6

LOGICAL SYSTEMS
Logical Systems Corporation
PO Box 6184, Syracuse, NY 13217-6184 USA
Tel (315) 478-0722, FAX (315) 479-6753
www.logicalsys.com, Email: info@logicalsys.com

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