

PA20SS-K3 Data Sheet

20 pin SSOP socket/16 pin DIP 0.3" plug

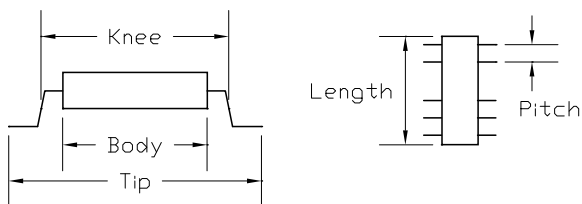
Supported Device/Footprints

Using this adapter, the Motorola 68HC05K3 in 20 pin SSOP packages can be programmed on DIP programmers.

Mfgr	Device		Package	Programmer	
	Device			Device	Plug
Motorola	68HC05K3		SSOP	68HC05K3	16 pin DIP

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	5.3 (0.209)	5.7 (0.224)	n/a	6.4 (0.250)	6.5 (0.256)
Tip mm (inches)			Body Length		Lead Pitch
min.	typ.	max.	6.17 typ (0.243)		0.65 (0.0256)
7.6 (0.299)	7.8 (0.307)	8.0 (0.315)			

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

SSOP Open top test socket:

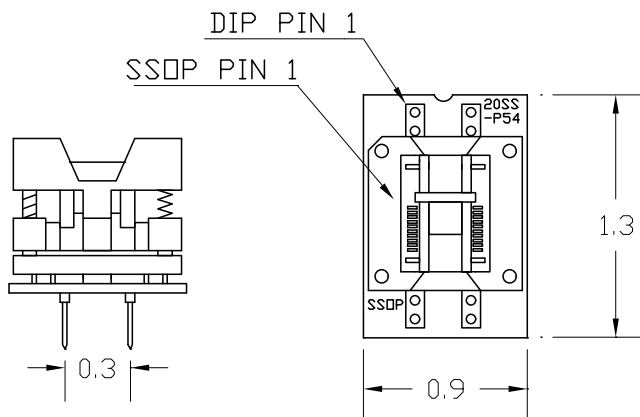
Enplas Part #: OTS-20(34)-0.65-01

LSC Part #: 20(34)SG-01

20SS-K3

Accepts the test socket and performs the wiring in the Adapter Wiring section.

Adapter Dimensions



Adapter Wiring

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

DEVICE	SIGNAL	PLUG
1	RESET	1
2	PB1	2
3	PB0	3
4	IRQ	4
5	NC	-
6	NC	-
7	PA0	5
8	PA1	6
9	PA2	7
10	PA3	8
11	PA4	9
12	PA5	10
13	PA6	11
14	PA7	12
15	NC	-
16	NC	-
17	VDD	13
18	VSS	14
19	OSC2	15
20	OSC1	16