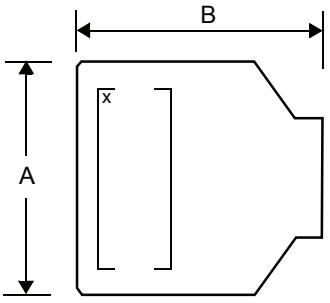
6.0 DEVICE ADAPTER TARGET FOOTPRINTS

To connect an emulator device adapter directly to a target board (without the use of transition sockets) the following information will be helpful.

6.1 DIP Device Footprints

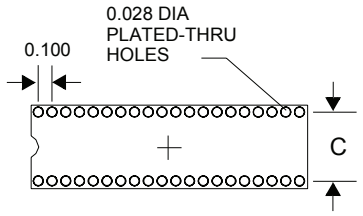
DIP device adapter footprints shown will accept adapter plugs like Samtec series APA plugs. These plugs can be soldered in place during development/emulation and eliminate the need for any other sockets.

FIGURE 6-1: DVA DRAWING – DIP



x = Pin 1 location

See Table 6-1 for A & B dimensions.



DIP	C	DIP	C
8-Pin	0.300	28-Pin	0.300
14-Pin	0.300	40-Pin	0.600
18-Pin	0.300	64-Pin	0.750
20-Pin	0.300		

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

Drawing of DIP is 40-pin.

TABLE 6-1: DVA DIMENSIONS – DIP

Package	DVA Number*	A	B
8P/14P DIP	DVA1002	1.700	2.100
8P/14P/20P DIP	DVA1004	1.700	2.425
8P DIP	DVA12XP080	2.200	1.650
8P DIP	DVA12XP081	2.200	1.650
14P DIP	DVA16XP140	2.200	1.650
14P DIP	DVA16XP141	2.000	2.100
18P DIP	DVA16XP180	2.200	1.650
18P DIP	DVA16XP182	2.000	2.100
18P DIP	DVA16XP183	2.150	2.575
18P DIP	DVA16XP185	2.150	2.000
18P DIP	DVA16XP186	2.000	2.100
18P DIP	DVA16XP187	2.000	2.100
18P DIP	DVA18XP180	2.150	2.575
20P DIP	DVA16XP200	2.150	2.575
20P DIP	DVA16XP201	2.150	1.825
20P DIP	DVA16XP202	2.200	2.675
28P DIP	DVA14XP280	2.200	1.700
28P DIP	DVA16XP280	2.200	1.700
28P DIP	DVA16XP282	2.000	2.100
28P DIP	DVA18XP280	2.000	2.100
40P DIP	DVA16XP401	2.200	2.200
40P DIP	DVA17XP401	2.200	2.000
40P DIP	DVA18XP400	2.200	2.200
64P DIP	DVA16XP640	2.500	2.050

* See the MPLAB® ICE 2000 Readme file for information on devices supported by each DVA.