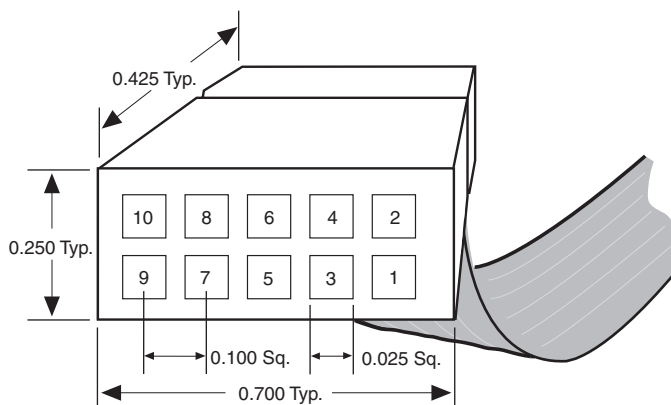*Figure 2–2. USB-Blaster 10-Pin Female Plug Dimensions*

Dimensions are shown in inches. Spacing between pin centers is 0.1 inches.

Table 2–2 identifies the 10-pin female plug pin names and the corresponding programming mode.

	AS Mode		PS Mode		JTAG Mode	
Pin	Signal Name	Description	Signal Name	Description	Signal Name	Description
1	DCLK	Clock signal	DCLK	Clock signal	TCK	Clock signal
2	GND	Signal ground	GND	Signal ground	GND	Signal ground
3	CONF_DONE	Configuration done	CONF_DONE	Configuration done	TDO	Data from device
4	VCC(TRGT)	Target power supply	VCC(TRGT)	Target power supply	VCC(TRGT)	Target power supply
5	nCONFIG	Configuration control	nCONFIG	Configuration control	TMS	JTAG state machine control
6	nCE	Cyclone chip enable	–	No connect	–	No connect
7	DATAOUT	Active serial data out	nSTATUS	Configuration status	–	No connect
8	nCS	Serial configuration device chip select	–	No connect	–	No connect
9	ASDI	Active serial data in	DATA0	Data to device	TDI	Data to device
10	GND	Signal ground	GND	Signal ground	GND	Signal ground

Table 2–2. USB-Blaster Female Plug Signal Names & Programming Modes