68-Pin Mating Connector and Shell

This guide describes how to assemble the 68-pin mating connector and shell. In addition to the 68-pin mating connector and shell kit contents, you need a National Instruments plug-in board with a 68-pin I/O connector and a cable.

Introduction

The 68-pin mating connector and shell consists of a backshell kit and a 68-pin female connector that mates to any plug-in board with a 68-pin male connector.

What Your Kit Should Contain

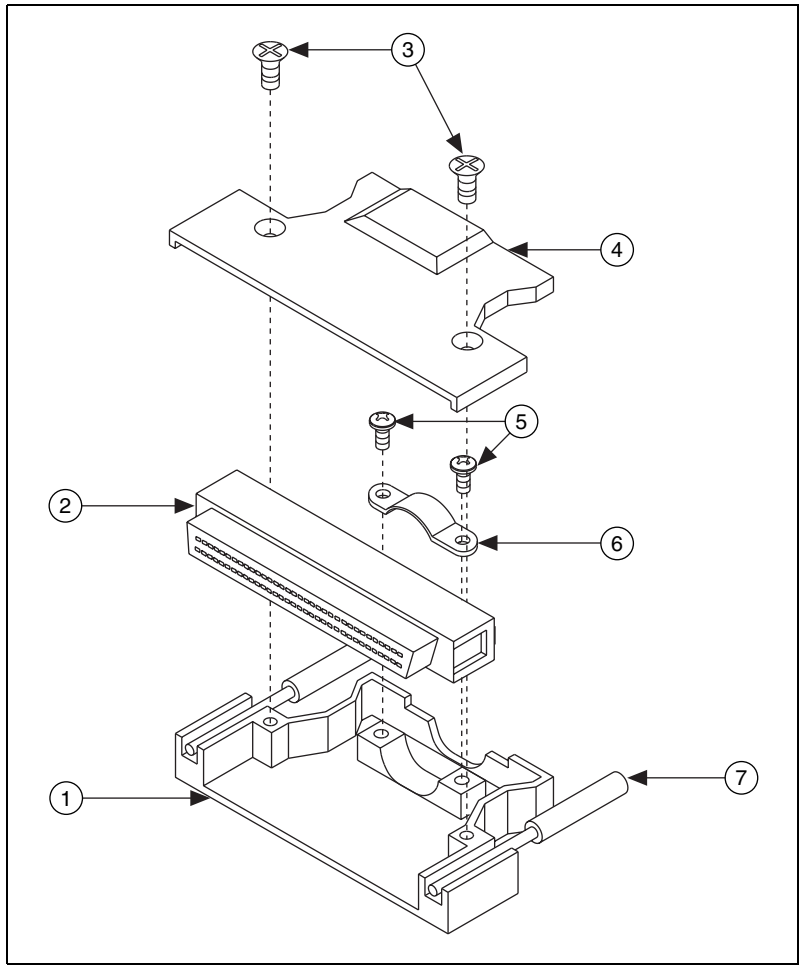
The contents of the 68-pin mating connector and shell kit are as follows:

Kit Component	PartNumber
68-pin receptacle SCSI-II connector, solder type	760803-01
Jackscrew backshell kit	761637-01
68-Pin Mating Connector and Shell Installation Guide	320699B-01
Jacksocket screws (2)	187539B-01

If your kit is missing any components, contact National Instruments.

Assembly Procedure

To assemble the mating connector and shell, perform the following steps, referring to Figures 1 and 2 as necessary:



1	Bottom Half of Backshell	5	Cable Clamp Screws
2	68-Pin Female Connector	6	Cable Clamp
3	Top Cover Screws	7	Jackscrew
4	Top Half of Backshell		

Figure 1. Parts Locator Diagram

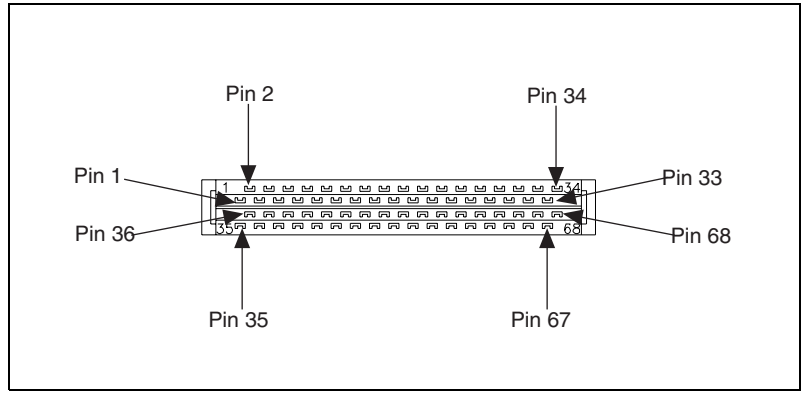


Figure 2. Solder Side of 68-Pin Female Connector

1. Solder the cable wires to the appropriate connector pins on the solder side of the 68-pin female connector, as shown in Figure 2.
2. Insert the 68-pin female connector into the bottom half of the backshell.
3. Screw the cable in place with a cable clamp and the cable clamp screws.
4. Screw the top half of the backshell to the bottom half of the backshell with the top cover screws.

Note To disconnect the cable from the plug-in board, loosen the jackscrews and pull.