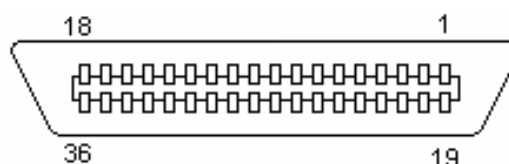


### Parallel Interface for the 685

- Cable Type: Centronics Male to Male
- Parallel Printer Cable: Centronics 36 pin cable
- Max Length: 15 feet



Pin	Signal	Note	In/Out	Pin	Signal	Note	In/Out
1	Strobe	Needed for 685	In	19	GND	Com. to Pin 16	
2	Data 1	Needed for 685	In	20	GND	Com. to Pin 16	
3	Data 2	Needed for 685	In	21	GND	Com. to Pin 16	
4	Data 3	Needed for 685	In	22	GND	Com. to Pin 16	
5	Data 4	Needed for 685	In	23	GND	Com. to Pin 16	
6	Data 5	Needed for 685	In	24	GND	Com. to Pin 16	
7	Data 6	Needed for 685	In	25	GND	Com. to Pin 16	
8	Data 7	Needed for 685	In	26	GND	Com. to Pin 16	
9	Data 8	See Note 4	In	27	GND	Com. to Pin 16	
10	ACK		Out	28	GND	Com. to Pin 16	
11	Busy	See Note 3	Out	29	GND	Com. to Pin 16	
12	P.EMP		Out	30	GND	Com. to Pin 16	
13	High	See Note 1		31	Initial		In
14	Auto Feed		In	32	Error		Out
15	NC			33	GND	Com. to Pin 16	
16	GND	Signal		34	NC	See Note 2	
17	Chassis Gnd			35	High	See Note 1	
18	NC	See Note 2		36	NC	See Not 2	

Note 1. High is connected through a 2.2k ohm resistor to +5V.

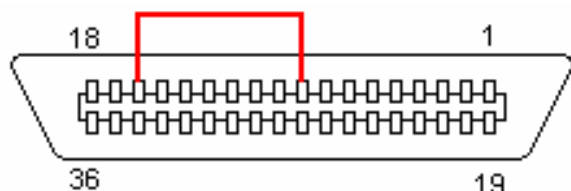
Note 2. NC stands for lines Not Connected

Note 3. This is the DTR Supervision Voltage. The printer holds the voltage low; if the voltage is greater than 3vdc then the 685's "Printer LED" will be lit.

Note 4. Data Bit 8 must be tied to PIN 16 to disable the Graphics Mode.  
(This is not needed if making your own Cable)

**If Printer cable is not purchased from Honeywell**

**PIN 16 may NOT be connected! (See Below):**



**New Cable should come with pins 9 – 16 already shorted!**