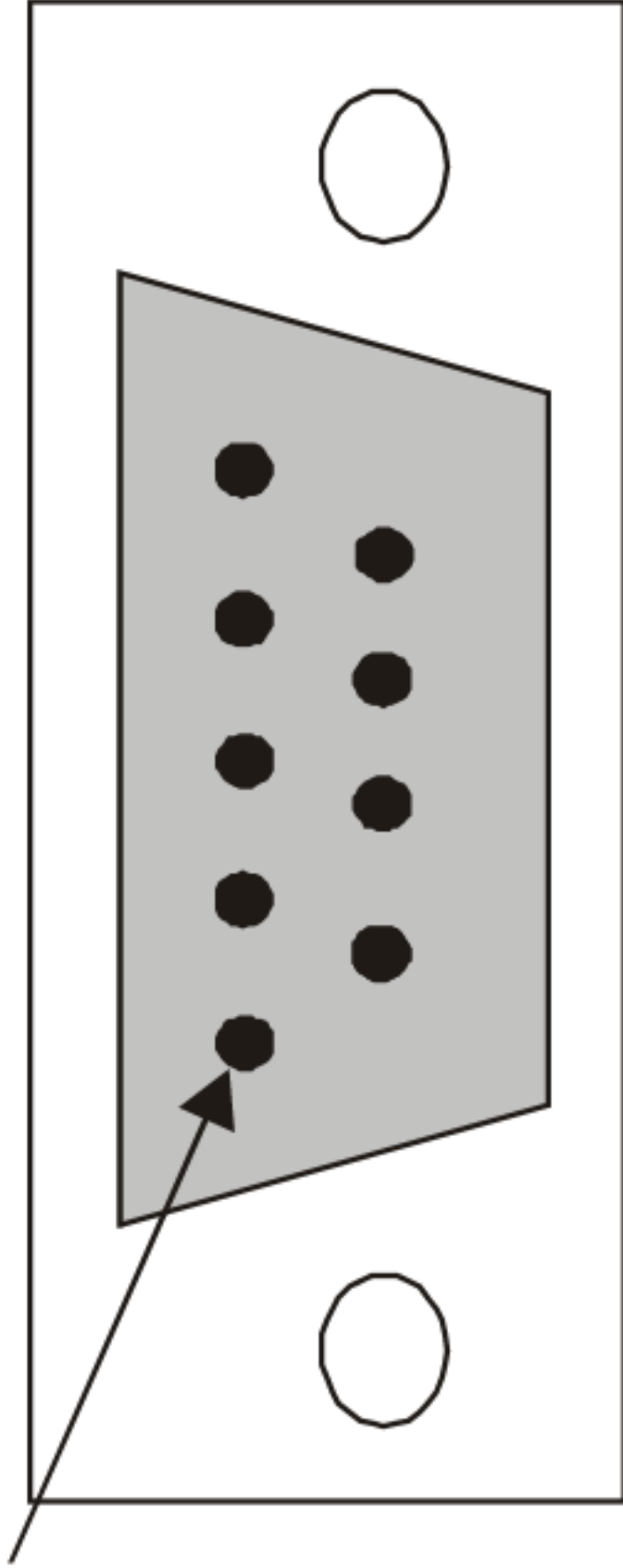Pin 1

DB9/DB9 Gender Changer

RS232 DB9M Information

The DB9 (male) connector on the Powermate^{TM} 330 is normally used to provide serial input and output to/from a remote computer. The signal levels are fully RS232 compliant with data rates to 115,200 baud supported by the Model 330 (connected computer specifications may be slower). The wiring of the DB9 connector is:

DB9	SIGNAL	RS232 Name
1	N/C	(DCD)
2	Receive Data (to Powermate)	RxD
3	Transmit Data (from Powermate)	TxD
4	N/C	(DTR)
5	Signal Ground	GND
6	N/C	(DSR)
7	Request to Send (from Powermate)	RTS
8	Clear to Send (to Powermate)	CTS
9	N/C	RI

The cable connecting the Model 330 to the user computer consists of female DB9 connectors on each end with the above listed (5) signals connected. Pins 2,3 are crossed from end-to-end and pins 7,8 are similarly crossed such that the transmit of one device is connected to the receive of the other. Also, pins 1-4-6-9 are shorted together inside each end connector but carry no signals through the connector.

RS232CON.DOC