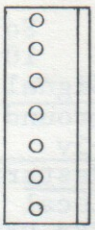
J10 DC Power Connector, Sol-PC



S-100 Bus Definitions

PIN NUMBER	SYMBOL	NAME	FUNCTION
1	+8V	+8 Volts	Unregulated voltage on bus, supplied to PC boards and regulated to 5V supplied by Sol-20 supply
2	-16V	-16 Volts	Positive unregulated voltage supplied by Sol-20 power supply
3	XRDY	EXTERNAL READY	External ready input to CPU ready circuitry
4	VI0	Vectored Interrupt Line #0	
5	VI1	Vectored Interrupt Line #1	
6	VI2	Vectored Interrupt Line #2	
7	VI3	Vectored Interrupt Line #3	
8	VI4	Vectored Interrupt Line #4	
9	VI5	Vectored Interrupt Line #5	
10	VI6	Vectored Interrupt Line #6	
11	VI7	Vectored Interrupt Line #7	
12	XRDY2	EXTERNAL READY #2	not used by Sol-PC
13 to 17	TO BE DEFINED		
18	$\overline{\text{STAT DSB}}$	STATUS DISABLE	-Allows the buffers for the 8 status lines to be tri-stated
19	$\overline{\text{C/C DSB}}$	COMMAND/CONTROL DISABLE	-Allows the buffers for the 6 output command/control lines to be tri-stated
20	UNPROT	UNPROTECT	-not used by Sol-PC electronics
21	$\overline{\text{SS}}$	SINGLE STEP	-not used by Sol-PC
22	$\overline{\text{ADD DSB}}$	ADDRESS DISABLE	-Allows the buffers for the 16 address lines to be tri-stated
23	$\overline{\text{DO DSB}}$	DATA OUT DISABLE	-Allows the buffers for the 8 data output lines to be tri-stated
24	Ø2	PHASE 2 CLOCK	
25	Ø1	PHASE 1 CLOCK	
26	PHLDA	HOLD ACKNOWLEDGE	Processor command/control output signal that appears in response to the HOLD signal; indicates that the data and address bus will go to the high impedance state and processor will enter HOLD state after completion of the current machine cycle.