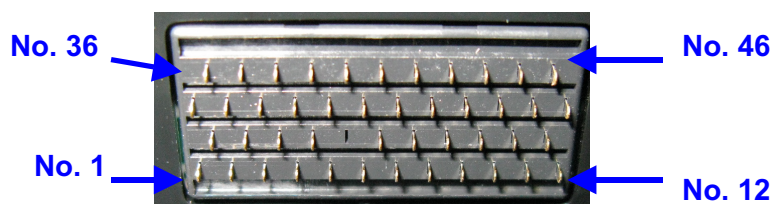


< Carriage Head Contact Pin >



No.	Signal name	Function	Input / Output
1,2,3,4,5	B_GNDH	Head ground	-
6,7	VSS	Logic ground	-
8	B_DATA_E_MS	E-line MS heater serial data	OUT
9	B_DATA_F_L	F-line L heater serial data	OUT
10	B_DIA	Diode sensor anode	-
11,12	A_GNDH	Head ground	-
13	B_DATA_B_MS	B-line MS heater serial data	OUT
14	B_DATA_A_EV	A-line EV heater serial data	OUT
15	B_DATA_C_L	C-line L heater serial data	OUT
16	B_HE1	Heater L heat enable	OUT
17	NC	No connection	-
18	CLK	Clock for serial data	OUT
19	B_DATA_D_EV	D-line EV heater serial data	OUT
20	B_DATA_F_MS	F-line MS heater serial data	OUT
21	B_DATA_E_L	E-line L heater serial data	OUT
22	A_DATA_OD (K2)	OD heater serial data	OUT
23	A_DATA_EV (K1)	EV heater serial data	OUT
24	B_DATA_C_MS	C-line MS heater serial data	OUT
25	B_DATA_A_OD	A-line OD heater serial data	OUT
26	B_DATA_B_L	B-line L heater serial data	OUT
27	B_HE3	Heater S heat enable	OUT
28	B_HE2	Heater L heat enable	OUT
29	E_SK	Head EEPROM SK signal	OUT
30	LT	Latch enable	OUT
31	E_DO	Head EEPROM DO signal	IN
32	A_HE	Heat enable	OUT
33	VDD	Power supply for Logic board	-
34	A_DIA	Diode sensor anode	-
35	B_DATA_D_OD	D-line OD heater serial data	OUT
36,37	B_VH_L	Power supply for L heater	-
38,39	B_VH_MS	Power supply for MS heater	-
40	VHT	Power supply for heater drive	-
41	E_CS	Head EEPROM CS signal	OUT
42	E_DI	Head EEPROM EI signal	OUT
43	B_HE4	Heater M heat enable	OUT
44	VDD	Power supply for logic board	-
45,46	A_VH	Power supply for heater	-