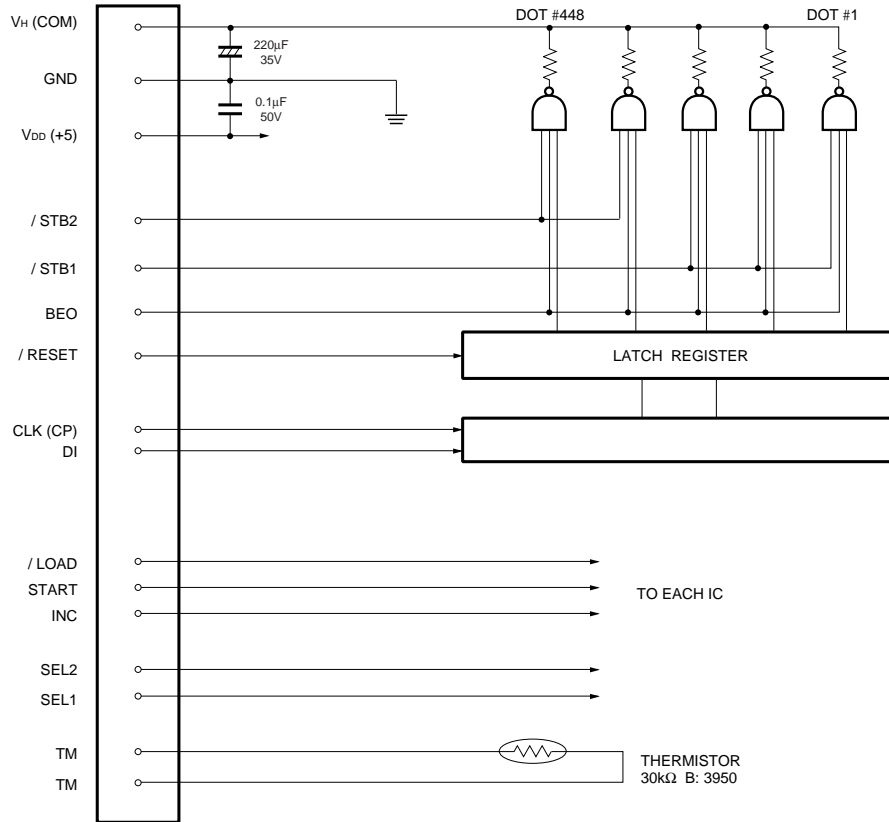




Printheads

●Equivalent circuit



DI No.	DOT No.
DI	448 to 1

/ STB No.	DOT No.
/ STB2	448 to 193
/ STB1	192 to 1

●Pin assignments

CONNECTOR A

No.	Circuit	No.	Circuit
1	V <sub>DD</sub>	2	BEO
3	GND	4	DI
5	GND	6	CLK(CP)
7	/LOAD	8	START
9	INC	10	N.C.
11	SEL2	12	SEL1
13	/RESET	14	/ STB 2
15	/ STB 1	16	TM
17	TM	18	SENS1
19	SENS2	20	SENS3

CONNECTOR B

No.	Circuit	No.	Circuit
1	V <sub>H</sub> (COM)	2	V <sub>H</sub> (COM)
3	GND	4	GND

## Printheads

## ●Characteristics

Parameter	Symbol	Typical	Unit
Effective printing width	–	56.0	mm
Dot pitch	–	0.125	mm
Total dot number	–	448	dots
Average resistance value	Rave	550	Ω
Applied voltage	V <sub>H</sub>	24	V
Applied power	P <sub>o</sub>	0.93	W/dot
Print cycle	SLT	0.49	ms
Maximum number of dots energized simultaneously	–	448	dots
Maximum clock frequency	–	8	MHz
Maximum roller diameter	–	φ20	mm
Running life / pulse life	–	150/(1×10 <sup>8</sup> )	km/pulses
Operating temperature	–	5 to 45	°C

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