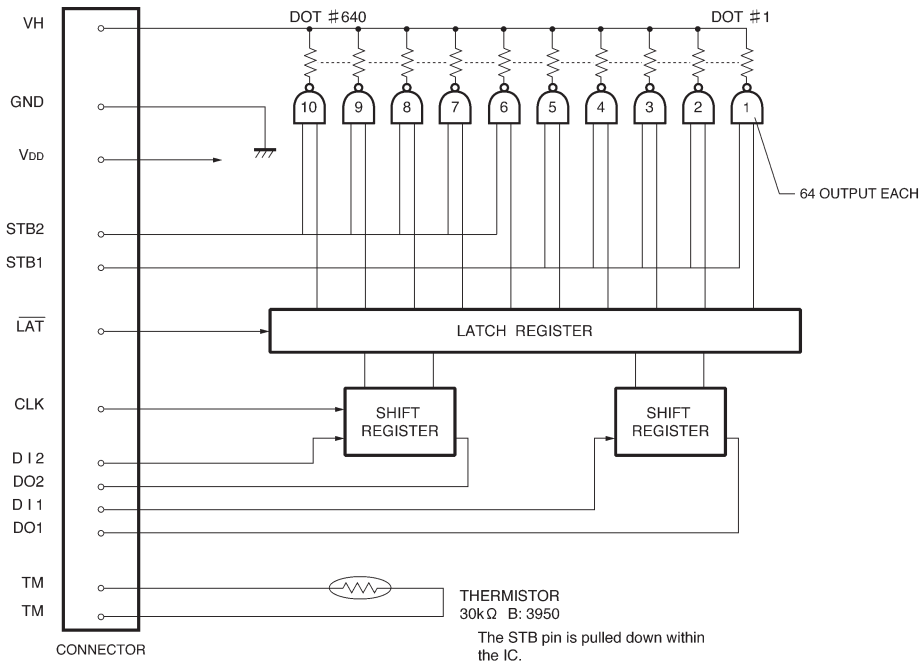




●Equivalent circuit



DI No.	DOT No.
DI 1	1 ~ 320
DI 2	321 ~ 640

STB No.	DOT No.
STB 1	1 ~ 320
STB 2	321 ~ 640

Fig. 1

●Pin assignments

CONNECTOR A			
No.	Circuit	No.	Circuit
1	L-GND	11	TM
2	V <sub>DD</sub>	12	TM
3	L-GND	13	DI 3
4	V <sub>DD</sub>	14	DO 3
5	STB2	15	DI 2
6	CLK	16	DO 2
7	DI 4	17	N.C.
8	DO 4	18	STB1
9	N.C.	19	DI 1
10	LAT	20	DO 1

CONNECTOR B	
No.	Circuit
1	VH
2	VH
3	VH
4	P-GND
5	P-GND
6	P-GND

L-GND: LOGIC GROUND  
P-GND: POWER GROUND

●Timing chart

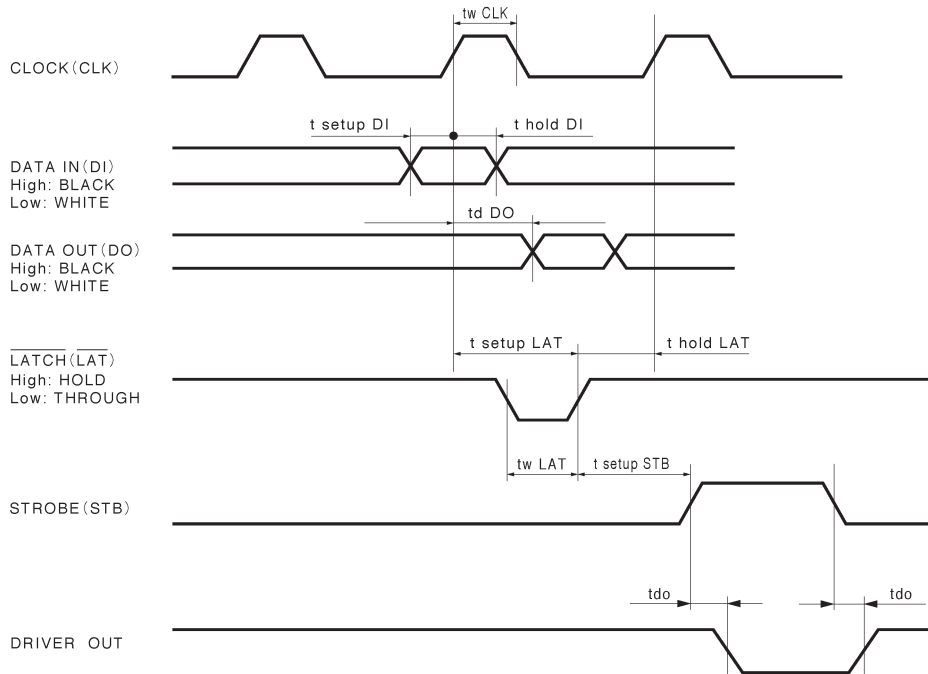


Fig.2

●Characteristics

Parameter	Symbol	Typical	Unit
Effective printing width	—	80	mm
Dot pitch	—	0.125	mm
Total dot number	—	640	dots
Average resistance value	Rave	550	$\Omega$
Applied voltage	V <sub>H</sub>	24	V
Applied power	P <sub>O</sub>	0.92	W / dot
Print cycle	SLT	0.82	ms
Pulse width	T <sub>ON</sub>	0.26	ms
Maximum number of dots energized simultaneously	—	384	dots
Maximum clock frequency	—	8	MHz
Maximum roller diameter	—	$\phi$ 20.0	mm
Running life / pulse life	—	50 / $5 \times 10^7$	km / pulses
Operating temperature	—	5~45	$^{\circ}\text{C}$