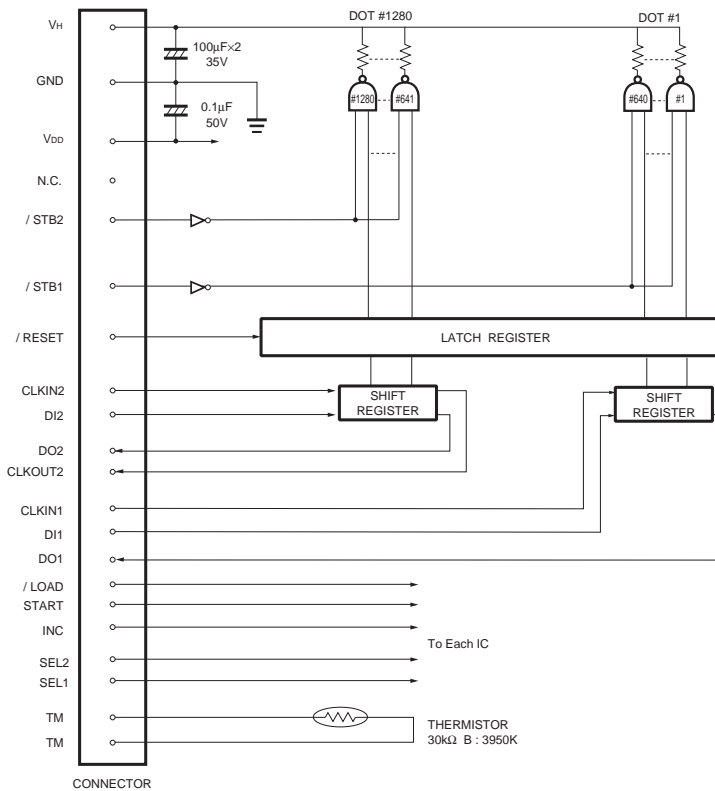


●Equivalent circuit



DI No.	DOT No.	/ STB No.	DOT No.	CLK No.	DOT No.
DI2	1280 to 641	/ STB2	1280 to 641	CLKIN2	1280 to 641
DI1	640 to 1	/ STB1	640 to 1	CLKIN1	640 to 1

Fig.1

●Pin assignments

CONNECTOR A			
No.	Circuit	No.	Circuit
1	V _{DD}	11	/ RESET
2	V _{DD}	12	START
3	SEL2	13	DO1
4	SEL1	14	DO2
5	CLKIN2 (CP)	15	TM
6	NC	16	TM
7	DI2	17	/ STB2
8	DI1	18	/ STB1
9	INC	19	CLKOUT2
10	/ LOAD	20	CLKIN1

CONNECTOR B	
No.	Circuit
1	V _H (COM)
2	V _H (COM)
3	V _H (COM)
4	GND
5	GND
6	GND

●Characteristics

Parameter	Symbol	Typical	Unit
Effective printing width	–	108.416	mm
Dot pitch	–	0.0847	mm
Total dot number	–	1280	dots
Average resistance value	Rave	1250	Ω
Applied voltage	V _H	24	V
Applied power	P _o	0.51	W/dot
Print cycle	SLT	0.41	ms
Maximum number of dots energized simultaneously	–	1280	dots
Maximum clock frequency	–	8	MHz
Maximum roller diameter	–	φ20.0	mm
Running life / pulse life	–	150/(1×10 ⁸)	km/pulses
Operating temperature	–	5 to 45	°C

●Data sheets

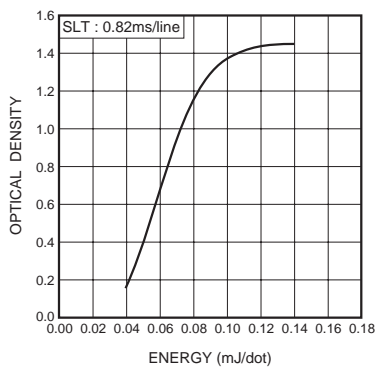


Fig.2 Representative density curve

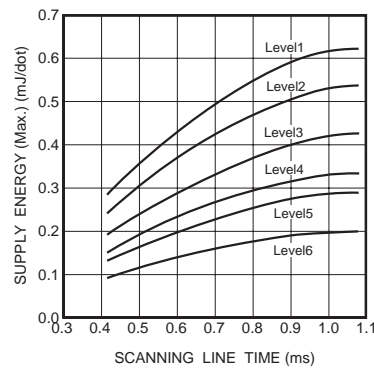


Fig.3 Maximum energy curve

Notes

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