

SH3004-DC70A

● Applications

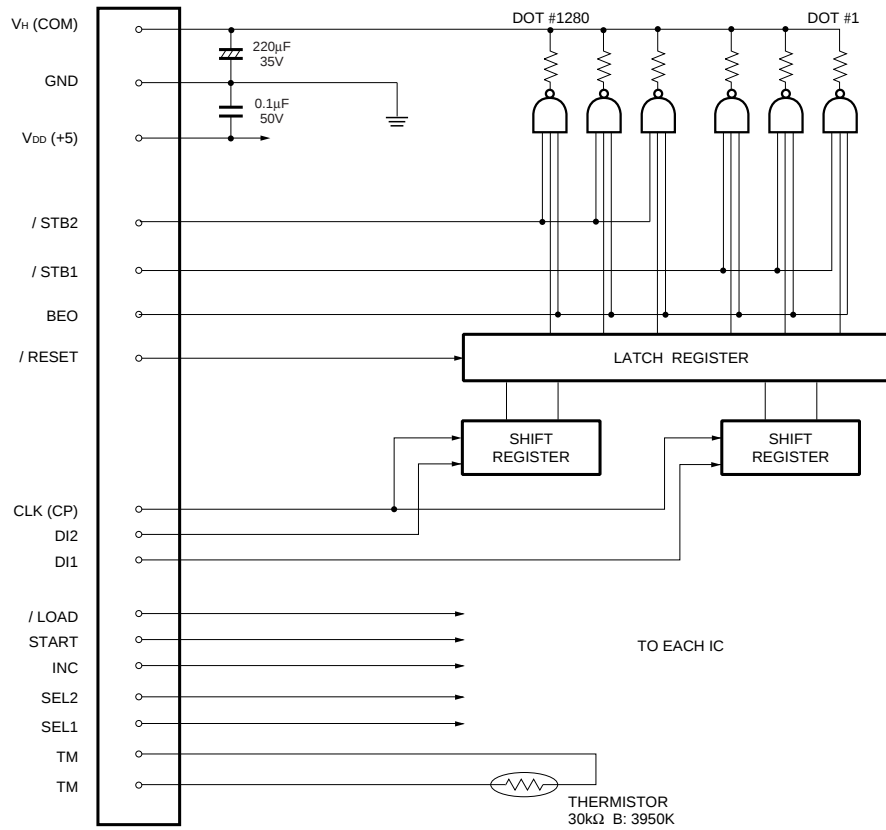
●Features

- External dimensions (Unit : mm)



Printhead

●Equivalent circuit



DI No.	DOT No.
DI2	1280 to 641
DI1	640 to 1

/STB No.	DOT No.
/STB2	1280 to 641
/STB1	640 to 1

●Pin assignments

CONNECTOR : A

No.	Circuit	No.	Circuit
1	V _{DD}	2	BEO
3	GND	4	DI2
5	GND	6	CLK (CP)
7	/LOAD	8	START
9	INC	10	DI1
11	SEL2	12	SEL1
13	/RESET	14	/STB2
15	/STB1	16	TM
17	TM	18	SENS1
19	SENS2	20	SENS3

CONNECTOR : B

No.	Circuit	No.	Circuit
1	VH (COM)	2	VH (COM)
3	VH (COM)	4	GND
5	GND	6	GND

Printhead

●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	850	Ω
Applied voltage	V _H	24	V
Applied power	P _O	0.57	W/dot
Print cycle	SLT	0.28	ms
Maximum number of dots energized simultaneously	–	1280	dots
Maximum clock frequency	–	8	MHz
Maximum roller diameter	–	φ50	mm
Running life / pulse life	–	150/(1×10 ⁸)	km/pulses
Operating temperature	–	5 to 45	°C

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