

SANYO

No.2062B

LB1267**2-Channel, High-Current,
Low-Saturation Driver Array****Features and Functions**

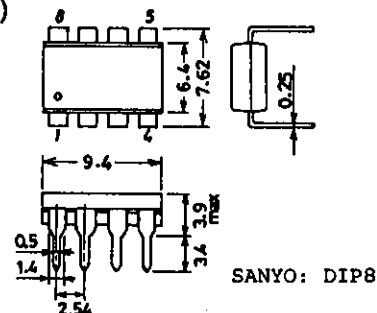
- 2-channel magnet driver
- High current (2.0A max.) and low saturation voltage (1.5V)
- On-chip spark killer diodes

Absolute Maximum Ratings at Ta = 25°C

			unit
Maximum Supply Voltage	V _{CC} max	8.0	V
Output Supply Voltage	V _{OUT}	10.0	V
Input Supply Voltage	V _{IN}	12.0	V
Output Current	I _{OUT1}	ton ≤ 50ms, duty = 20%, solenoid drive stage (ch1)	1.0 A
	I _{OUT2}	ton ≤ 50ms, duty = 5%, motor drive stage (ch2)	2.5 A
Spark Killer Diode Forward Current	I _{FSM1}	t ≤ 5ms, duty = 5%, solenoid drive stage (ch1)	1.0 A
	I _{FSM2}	t ≤ 5ms, duty = 5%, motor drive stage (ch2)	2.5 A
V _{CC} Instantaneous Flow-Out Current	I _{CCP}	t ≤ 5ms, duty = 5%,	3.0 A
GND Pin Flow-Out Current	I _{GND}	t ≤ 5ms, duty = 20%,	3.0 A
Allowable Power Dissipation	P _d max	785	mW
Operating Temperature	T _{opr}	-20 to +75	°C
Storage Temperature	T _{stg}	-40 to +125	°C

Allowable Operating Range at Ta = 25°C

			unit
Supply Voltage	V _{CC}	3.0 to 7.0	V
Input 'H'-Level Voltage	V _{IH}	I _{OUT} = 300mA	3.0 to 11.0 V
Input 'L'-Level Voltage	V _{IL}	I _{OUT} ≤ 100μA	-0.3 to +0.7 V

Package Dimensions 3001B-D8IC
(unit : mm)

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