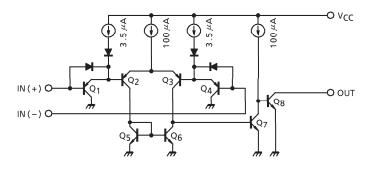
EQUIVALENT CIRCUIT



MAXIMUM RATINGS ($Ta = 25^{\circ}C$)

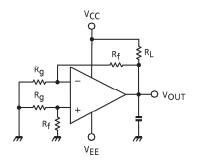
CHARACTERISTIC	SYMBOL	RATING	UNIT
Supply Voltage	V _{CC} , V _{EE}	±18 or 36	V
Differential Input Voltage	DVIN	± 36	V
Input Voltage	VIN	-0.3~V _{CC}	V
Power Dissipation	PD	200	mW
Operating Temperature	T _{opr}	- 40~85	°C
Storage Temperature	T _{stg}	- 55~125	°C

ELECTRICAL CHARACTERISTICS ($V_{CC} = 5V$, $V_{EE} = GND$, $Ta = 25^{\circ}C$)

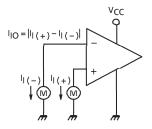
CHARACTERISTIC	SYMBOL	TEST CIR- CUIT	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Input Offset Voltage	VIO	1	—	—	2	5	mV
Input Offset Current	^I IO	2	—	—	5	50	nA
Input Bias Current	lı l	2	—	—	25	250	nA
Common Mode Input Voltage	CMV _{IN}	—	—	0	_	V _{CC} – 1.5	V
Supply Current	Icc	3	No load	—	0.4	0.8	mA
Voltage Gain	GV	—	$R_L = 15k\Omega$	—	200	—	V/mV
Sink Current	l _{sink}	4	IN (+) = 0V, IN (-) = 1V V _{OL} = 1.5V	6	16	_	mA
Output Voltage ("L" Level)	VOL	5	IN(+) = 0V, IN(-) = 1V $I_{sink} = 3mA$	_	0.2	0.4	V
Output Leak Current	ILEAK		IN (+) = 1V, IN (-) = 0V V _O = 5V	_	0.1	_	nA
Response Time	t _{rsp}	6	$R_L = 5.1 k\Omega$, $C_L = 15 pF$	_	1.3	_	μs

TEST CIRCUIT

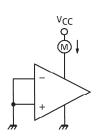
(1) V_{IO}



(2) |_|, |_{|O}

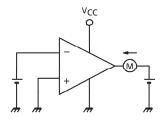


(3) I_{CC}

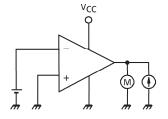


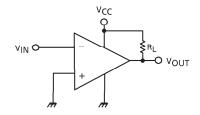
(4) I_{sink}

(6) t_{rsp}

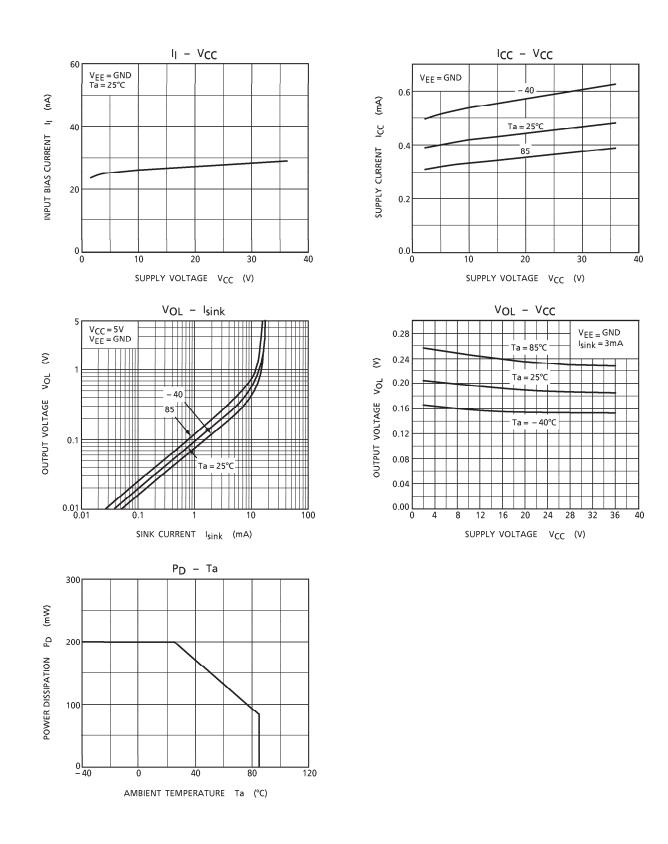


(5) V_{OL}



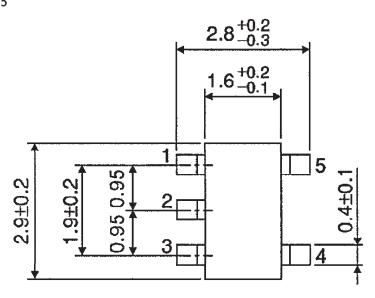


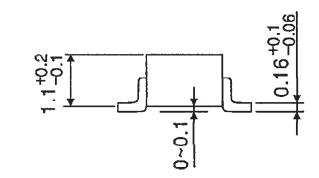
TOSHIBA



OUTLINE DRAWING SSOP5-P-0.95

Unit : mm





Weight : 0.014g (Typ.)

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