

## Absolute Maximum Ratings ( $T_a=25^{\circ}\text{C}$ )

Parameter	Symbol	Rating	Unit
Input	*1 Forward current	$I_F$	50 mA
	Reverse voltage	$V_R$	4 V
Output	Supply voltage	$V_{CC}$	7 V
	Low level output current	$I_{OL}$	8 mA
	*1 Power dissipation	$P_O$	150 mW
Operating temperature	$T_{opr}$	-10 to +70	$^{\circ}\text{C}$
Storage temperature	$T_{stg}$	-40 to +80	$^{\circ}\text{C}$
*2 Soldering temperature	$T_{sol}$	260	$^{\circ}\text{C}$

\*1 The derating factors of absolute maximum ratings due to ambient temperature are shown in Fig.2 to 3

\*2 For 5s

## Internal connection diagram

