



Maximum Ratings (@ T_A = 25°C unless otherwise specified)

Parameter		Symbol	Value	Unit
Input	Forward Current	I _F	±60	mA
	Power Dissipation	PD	100	mW
	Power Dissipation Derating factor (above T _a = 100°C)	PDD	2.9	mW/°C
	Thermal Resistance Junction-Ambient	R _{thJ-A}	325	°C/W
	Thermal Resistance Junction-Case	R _{thJ-C}	200	°C/W
Output	Power Dissipation	PC	150	mW
	Collector Current	I _C	50	mA
	Collector-Emitter Voltage	V _{CEO}	80	V
	Emitter-Collector Voltage	V _{ECO}	7	V

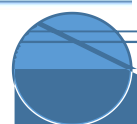
Thermal Characteristics

Parameter	Symbol	Value	Unit
Total Power Dissipation	PTOT	200	mW
Isolation Voltage *1	VISO	5000	V _{rms}
Operating Temperature	TOPR	-55 ~ +100	°C
Storage Temperature Range	TSTG	-55 ~ +125	°C
Soldering Temperature *2	TSOL	260	°C

* 1. 0 ~ 0% ,
* 2. 0









Reflow soldering



