

5V/200mA Output

Isolated DC/DC converter

BP5512A

Absolute Maximum Ratings

(Ta=25°C)

Parameter	Symbol	Limits	Unit	Conditions
Input voltage	V_i	8	V	DC
Operating temperature range	T_{opr}	-20 to +85	°C	Refer to derating curve
Storage temperature range	T_{stg}	-40 to +85	°C	
Allowable maximum surface temperature	T_{cmax}	105	°C	Ambient temperature + the module self-heating $\leq T_{cmax}$
Maximum output current	I_{omax}	200	mA	*1
Withstand voltage	V_I	AC2300	V	Between input and output, 1 minute

*1 The load should be reduced according to the surrounding temperature, input voltage.

Electrical Characteristics

(Unless otherwise noted, $V_i=5.0V$, $I_o=200mA$, $T_a=25^\circ C$)

Notes

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