

BT134 -600E 4A bidirectional triode thyristor

- **need road:**

It is mainly used for dimming, temperature control and other voltage control circuit, microwave oven, washing machine, electric fan, water dispenser, night light and other home appliances control circuit and used for AC phase control, chopper, inverter, inverter and solid state relay and other circuits.

- **feature:**

High breakdown voltage, high output current, low through-state drop, high reliability and stability

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- **Packaging form:**

TO-126

- **extreme:**



pressure

name	symbol	numeric value	unit	condition
Break-state repeated peak voltage	V_{DRM}	600	V	
repetitive peak reverse voltage	V_{RRM}	600	V	
RMS on state current	$I_T (RMS)$	4.0	A	Sine wave of 180°
surge current	I_{TSM}	40	A	Sine wave, 60Hz
junction temperature	T_j	-40~125	°C	
storage temperature	T_{stg}	-40~150	°C	

- **Electrical characteristics ($T_a=25^{\circ}C$)**

characteristic	symbol	condition	least value	crest value	representative value	unit
Break-state repeated peak current	I_{DRM}	$V = V_{DRM}$	----	0.02	0.005	mA
Reverse repeat peak current	I_{RRM}	$V = V_{RRM}$	----	0.02	0.005	mA
on state voltage	V_{TM}	$I_T=1A.0$	----	1.7	1.3	V
stand-by current	I_H	$I_T=100m A$	----	20		mA
latching current	I	$I_G = 1.2I_{GT}$	----	20		mA
	II		----	20		mA
	III		----	20		mA
	IV		----	30		mA
gate trigger current	I	$V_D=12V, R_L=100\Omega$	----	10	2	mA
	II		----	10	3	mA
	III		----	10	5	mA
	IV		----	30	10	mA