

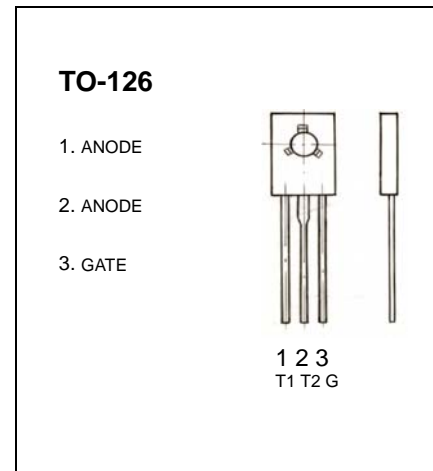
# 深圳市晶泰源电子有限公司

## BT134 TRIAC

### FEATURES

Glass passivated triacs in a plastic, intended for use in applications requiring high bidirectional transient and blocking voltage capability and high thermal cycling performance.

Typical applications include motor control, industrial and domestic lighting, heating and static switching.



### MAXIMUM RATINGS\* $T_A=25^{\circ}\text{C}$ unless otherwise noted

Symbol	Parameter	CONDITIONS	Value	Units
$V_{\text{DRM}}$	Repetitive peak off-state voltages		600	V
$I_{\text{T(RMS)}}$	RMS on-state current Non-repetitive peak on-state current	full sine wave ; $T_{\text{mb}} \leq 107^{\circ}\text{C}$	4	A
$I^2t$	$I^2t$ for fusing	$t=10\text{ms}$	3.1	$\text{A}^2\text{s}$
$di_{\text{T}}/dt$	Repetitive rate of rise of on-state current after tiggering	$di_{\text{G}}/dt=0.2\text{A}/\mu\text{s}$		
		T2+G+	50	A/ $\mu\text{s}$
		T2+G-	50	A/ $\mu\text{s}$
		T2-G-	50	A/ $\mu\text{s}$
		T2-G+	10	A/ $\mu\text{s}$
$I_{\text{GM}}$	Peak gate current		2	A
$V_{\text{GM}}$	Peak gate voltage		5	V
$P_{\text{GM}}$	Peak gate power		5	W
$P_{\text{G(AV)}}$	Average gate power	over any 20 ms period	0.5	W
$T_{\text{stg}}$	Storage Temperature		-40-150	$^{\circ}\text{C}$
$T_{\text{J}}$	Operating junction Temperature		125	$^{\circ}\text{C}$