MICRO ELECTRONICS

BT136

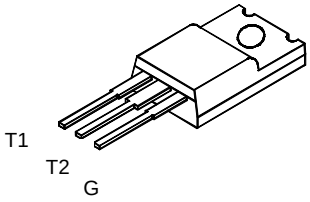
4A TRIAC

DESCRIPTION

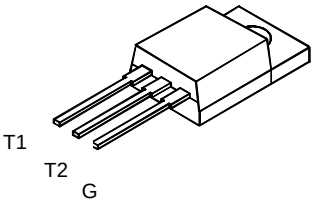
*The BT136 can be used in circuits of frequency conversion,voltage adjust and control.

*It is very suitable for such applications as air conditioner, washer,microwave oven,fanner,and drinker,...

TO-220F



TO-220



ABSOLUTE MAXLMUM RATINGS

PARAMETER	SYMBOL	VALUE	UNIT
Repetitive Peak Off-State&Reverse Voltage Tc=125℃	V_{DRM}&V_{RRM}	600	V
RMS on-state current(full sine wave)	$I_{T(RMS)}$	4	A
Non repetitive surge peak on-state current (full cycle,Tj initial = 25℃)	I_{TSM}	40	A
Junction temperature	T_j	110	℃
Storage junction temperature range	T_{stg}	-40~150	℃

ELECTRICAL CHARACTERISTICS(Ta=25℃,unless otherwise specified)

Parameter		Symbol	Test Conditions		Min	Max	Unit
Repetitive peak off-state Voltage Tc=125℃		V_{DRM}	I_D=100uA		600		V
Repetitive peak Reverse Voltage Tc=125℃		V_{RRM}	I_R=100uA		600		V
Repetitive Peak Off-State Current		I_{DRM}	V_{DRM}=520v			10	uA
Maximum On-state Voltage		V_{TM}	I_T=5.5A			1.7	V
DC Holding Current		I_H	I_T=0.1A, I_{GT}=20mA			15	m A
DC Gate-Trigger Current	I	I_{GT}	T2(+), G(+)	V_D=12V R_L=100Ω		15	m A
	II		T2(+), G(-)			15	m A
	III		T2(-), G(-)			15	m A
	IV		T2(-), G(+)			-	-
DC Gate-Trigger Votlage	I	V_{GT}	T2(+), G(+)	V_D=12V R_L=100Ω		1.5	V
	II		T2(+), G(-)			1.5	V
	III		T2(-), G(-)			1.5	V
	IV		T2(-), G(+)			-	-

MICRO ELECTRONICS LTD.
38, Hung To Road, Microtron Bulding, Kwun Tong, Kowloon, Hong Kong.
Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5