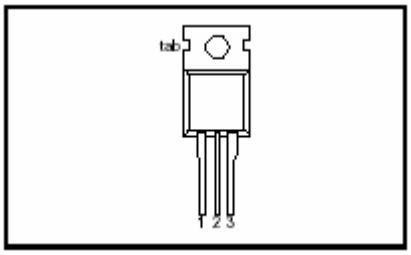
BT136-600E



PIN	DESCRIPTION
1	main terminal 1
2	main terminal 2
3	gate
tab	main terminal 2

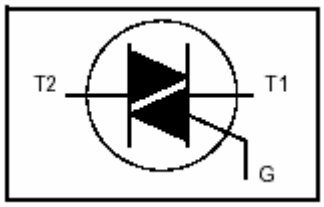
◆ Features

・With TO-220AB package

・Glass passivated, sensitive gate triacs in a plastic envelope, intended for use in general purpose bidirectional switching and phase control applications, where high sensitivity is required in all four quadrants.

◆ QUICK REFERENCE DATA

SYMBOL	PARAMETER	VALUE	UNIT
V_{DRM}	Repetitive peak off-state voltage	600	V
V_{RRM}	Repetitive peak off-state voltage	600	V
$I_{T(AV)}$	Average on-state current	4	A
I_{TSM}	Non-repetitive peak on-state current	25	A
T_{stg}	Storage temperature	-45～150	℃
T_j	Operating junction temperature	110	℃



TO-220AB

◆ ELECTRICAL CHARACTERISTICS (Tj = 25°C, unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT
V_{DRM}	Repetitive peak off-state voltage	I_D=0.1mA	600		V
V_{RRM}	Repetitive peak reverse voltage	I_D=0.5mA	600		V
I_{GT}	Gate trigger current	V_D=12V; R_L=100Ω T2+ G+		10	mA
		T2+ G-		10	
		T2- G-		10	
		T2- G+		25	
V_T	On-state voltage	I_T=5A		1.7	V
I_H	Holding current	I_T=0.1A; I_{GT}=20m A		15	mA
V_{GT}	Gate trigger voltage	V_D=12V; R_L=100Ω T2+ G+		1.5	V
		T2+ G-		1.5	
		T2- G-		1.5	
		T2- G+		1.8	