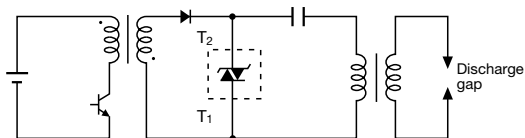


PNPN Switch

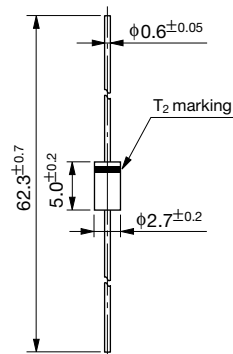
ET013, ET014, ET015, ET020

Example of application circuit (ignition)



External Dimensions

(Unit: mm)



Weight: Approx. 2.6g

Absolute Maximum Ratings

Parameter	Symbol	Ratings				Unit	Conditions
		ET013	ET014	ET015	ET020		
Repetitive peak off-state voltage	V _{DRM}	90	115	115	170	V	
RMS on-state current	I _{T(RMS)}	0.6				A	DC, T _l ≤ 112°C
Surge on-state current	I _{TSM}	80				A	T _a =25°C, W _p =10μs, Full-cycle sinewave, 1cycle, Peak value, f=50Hz
Rate-of-rise of on-state current	di _T /dt	30				A/μsec.	
Junction temperature	T _J	-40 to +125				°C	
Storage temperature	T _{stg}	-40 to +125				°C	

Electrical Characteristics

Parameter	Symbol	Ratings				Unit	Conditions
		ET013	ET014	ET015	ET020		
Breakeover voltage	V _{BO}	120 to 138	133 to 147	142 to 157	190 to 210	V	
Breakeover current	I _{BO}	150max	100max			μA	
On-state voltage	V _T	±2.5				V	I _T =±10A