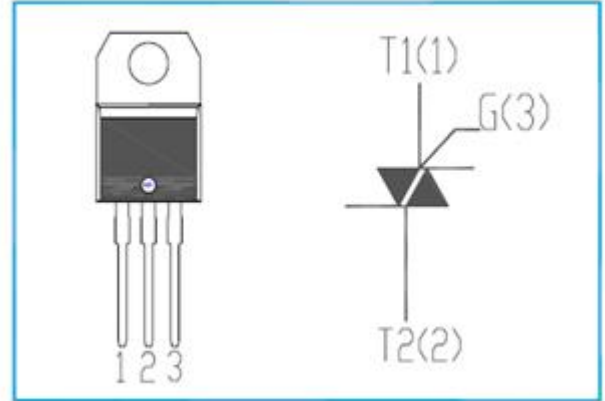


**FEATURES**

- With TO-220 package
- Glass passivated triacs in a plastic envelope, Intended for use in general purpose bidirectional switching and phase control applications, where high sensitivity is required in all our quadrants.
- Minimum Lot-to-Lot variations for robust device performance and reliable operation


**ABSOLUTE MAXIMUM RATINGS**( $T_a=25^{\circ}\text{C}$ )

SYMBOL	PARAMETER	MIN	UNIT
$V_{\text{DRM}}$	Repetitive peak off-state voltage	800	V
$V_{\text{RRM}}$	Repetitive peak off-state voltage	800	V
$I_{\text{T(RMS)}}$	RMS on-state current (full sine wave)	12	A
$I_{\text{TSM}}$	Non-repetitive peak on-state current	95	A
$P_{\text{GM}}$	Peak gate power dissipation	5	W
$P_{\text{G(AV)}}$	Average gate power dissipation	0.5	W
$T_j$	Operating junction temperature	125	$^{\circ}\text{C}$
$T_{\text{stg}}$	Storage temperature	-45~150	$^{\circ}\text{C}$

**ELECTRICAL CHARACTERISTICS** ( $T_c=25^{\circ}\text{C}$  unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT	
$I_{\text{RRM}}$	Repetitive peak reverse current	$V_R=V_{\text{RRM}}$ , $V_R=V_{\text{RRM}}$ , $T_j=125^{\circ}\text{C}$		0.02 0.5	mA	
$I_{\text{DRM}}$	Repetitive peak off-state current	$V_D=V_{\text{DRM}}$ , $V_D=V_{\text{DRM}}$ , $T_j=125^{\circ}\text{C}$		0.02 0.5	mA	
$I_{\text{GT}}$	Gate trigger current	$V_D=12\text{V}$ ; $I_T=0.1\text{A}$ , $R_L=30\ \Omega$		I	30	mA
				II	30	
				III	30	
				IV	70	
$V_{\text{TM}}$	On-state voltage	$I_T=15\text{A}$		1.65	V	
$I_{\text{H}}$	Holding current	$I_{\text{GT}}=0.1\text{A}$ , $V_D=12\text{V}$		60	mA	
$V_{\text{GT}}$	Gate trigger voltage	$V_D=12\text{V}$ ; $R_L=30\ \Omega$ all quadrant		1.5	V	

**NOTICE:**

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