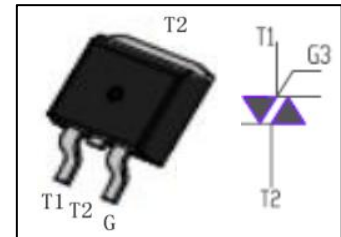


**FEATURES**

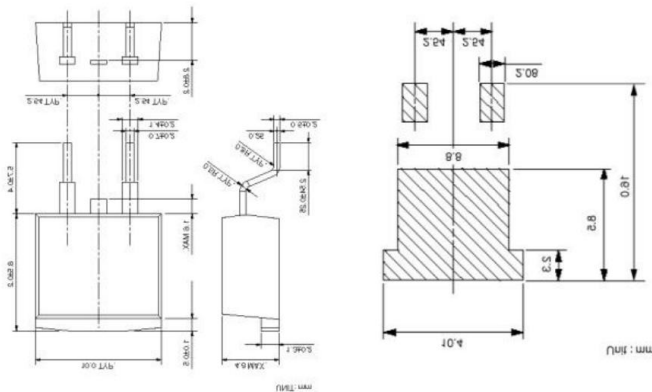
- With TO-263 insulated package
- Suitable for general purpose AC switching. Which can be used as an ON/OFF function in applications such as static relays, heating regulation, induction motor starting circuits. Or for phase control operation in light dimmers, motor speed controllers etc.
- Minimum Lot-to-Lot variations for robust device performance and reliable operation


**ABSOLUTE MAXIMUM RATINGS(Ta=25°C)**

SYMBOL	PARAMETER	MIN	UNIT
$V_{DRM}$	Repetitive peak off-state voltage	800	V
$V_{RRM}$	Repetitive peak off-state voltage	800	V
$I_{T(RMS)}$	Non repetitive surge peak on-state current (full cycle, Tj initial = 25°C)	25	A
$I_{TSM}$	Non-repetitive peak on-state current $t_p=20ms$	250	A
$I^2t$	$I^2t$ value for fusing (t=10ms)	450	A <sup>2</sup> S
$P_{G(AV)}$	Average gate power dissipation	1	W
$T_j$	Operating junction temperature	125	°C
$T_{stg}$	Storage temperature	-40~150	°C

**isc Triacs**
**BTB26-800B**
**ELECTRICAL CHARACTERISTICS ( $T_c=25^\circ\text{C}$  unless otherwise specified)**

SYMBOL	PARAMETER	CONDITIONS	MAX	UNIT	
$I_{RRM}$	Repetitive peak reverse current	$V_R=V_{RRM}, T_j=25^\circ\text{C}$	5	mA	
$I_{DRM}$	Repetitive peak off-state current	$V_D=V_{DRM}, T_j=25^\circ\text{C}$	3	mA	
$I_{GT}$	Gate trigger current	$V_D=12\text{V}; R_L = 33 \Omega;$	I	50	mA
			II	50	
			III	50	
			IV	100	mA
$I_H$	Holding current	$I_{GT}= 500\text{mA},$	80	mA	
$V_{GT}$	Gate trigger voltage all quadrant	$V_D=12\text{V}; R_L = 33 \Omega;$	1.5	V	
$V_{TM}$	On-state voltage	$I_T= 35\text{A}; t_p= 380 \mu\text{s}$	1.7	V	

**Package Outline (Unit: mm):**


**NOTICE:**

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