

Features: Advanced glass passivation technology, sensitive control extremely trigger current, low on state , passed the ROHS certification.

Characteristic:used for various universal switch device, small motor controller, the lantern controller, leakage protector, logic integrated circuit drive, motorcycle ignition circuits, etc.



BTA6, 8, 12, 16, 24 Triac

Limit Parameter

V_{DRM} (V)	V_{RRM} (V)	$I_{T(AVS)}$ (A)	I_{TSM} (A)	T_I (°C)	T_{stg} (°C)	Fig
≥800	≥800	6,8,12,16,24	$10 \times I_T$	-40 ~ 125	-40 ~ 150	15

Electrical Characteristics($T_j=25^\circ\text{C}$)

V_{TM} (V)	V_{DRM} (mA)	I_{GT} (mA)	V_{GT} (V)	I_H (mA)	Dv/dt (V/ μ S)	R_{jc} (°C/W)
1.35(Typical value)	≤1	25(Typical value)	≤1.2	40(Typical value)	≥200	2.0(Typical value)



BTA26, B41 Triac

Limit Parameter

V_{DRM} (V)	V_{RRM} (V)	$I_{T(RMS)}$ (A)	I_{TSM} (A)	T_I (°C)	T_{stg} (°C)	Fig
≥800	≥800	26,41	$10 \times I_T$	-40 ~ 125	-40 ~ 150	16

Electrical Characteristics($T_j=25^\circ\text{C}$)

V_{TM} (V)	V_{DRM} (mA)	I_{GT} (mA)				V_{GT} (V)	I_H (mA)	Dv/dt (V/ μ S)	R_{jc} (°C/W)
1.50 (Typical value)	≤1	T2+G+ ≤50	T2+G- ≤50	T2-G- ≤50	T2-G+ ≤100	≤1.3	≥60	≥500	≤1.0



BTA60, 80, 100 Triac

Limit Parameter

V_{DRM} (V)	V_{RRM} (V)	$I_{T(RMS)}$ (A)	I_{TSM} (A)	T_I (°C)	T_{stg} (°C)	Fig
≥800	≥800	60,80,100	$10 \times I_T$	-40 ~ 125	-40 ~ 150	17

Electrical Characteristics($T_j=25^\circ\text{C}$)

V_{TM} (V)	V_{DRM} (mA)	I_{GT} (mA)				V_{GT} (V)	I_H (mA)	Dv/dt (V/ μ S)
1.50 (Typical value)	≤1.5	T2+G+ ≤50	T2+G- ≤50	T2-G- ≤50	T2-G+ ≤80	≤1.3	80 (Typical value)	≥500