

MAC97A6 TRIAC

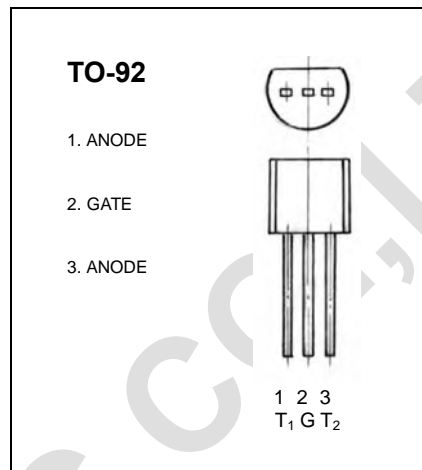
FEATURES

V_{DRM} : 400 V

$I_{T\ RMS}$: 1 A

Operating and storage junction temperature range

T_J, T_{stg} : -55°C to +150°C



ELECTRICAL CHARACTERISTICS ($T_{amb}=25^{\circ}C$ unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Rated repetitive peak off-state current	I_{DRM}	$V_D=V_{DRM}$		100	μA
On-state voltage	V_{TM}	$I_T=1.5A$		1.5	V
Gate trigger current	I _{GT}	T ₂ (+), G(+)	V _D =12V R _L =100 Ω	15	mA
		T ₂ (+), G(-)		15	mA
		T ₂ (-), G(-)		15	mA
		T ₂ (-), G(+)		-	mA
Gate trigger voltage	V _{GT}	T ₂ (+), G(+)	V _D =12V R _L =100 Ω	1.5	V
		T ₂ (+), G(-)		1.5	V
		T ₂ (-), G(-)		1.5	V
		T ₂ (-), G(+)		-	V
Holding current	I _H	V _D =24V I _G =50mA		50	mA