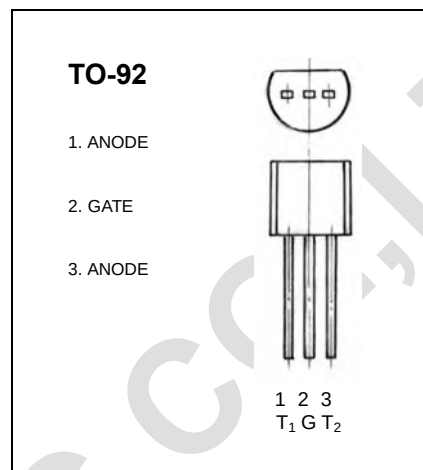


MAC97A8 TRIAC**FEATURES** V_{DRM} : 600 V $I_{\text{T RMS}}$: 1 A

Operating and storage junction temperature range

 $T_{\text{J}}, T_{\text{stg}}$: -55°C to +150°C**ELECTRICAL CHARACTERISTICS** ($T_{\text{amb}}=25^{\circ}\text{C}$ 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	I _{GT}	T ₂ (+), G(+)	V _D =12V		15	mA
	II		T ₂ (+), G(-)			15	mA
	III		T ₂ (-), G(-)	R _L =100Ω		15	mA
	IV		T ₂ (-), G(+)			-	mA
Gate trigger voltage	I	V _{GT}	T ₂ (+), G(+)	V _D =12V		1.5	V
	II		T ₂ (+), G(-)			1.5	V
	III		T ₂ (-), G(-)	R _L =100Ω		1.5	V
	IV		T ₂ (-), G(+)			-	V
Holding current	I	I _H	V _D =24V I _G =50mA			50	mA
	II						