

### MAC97A8 TRIAC

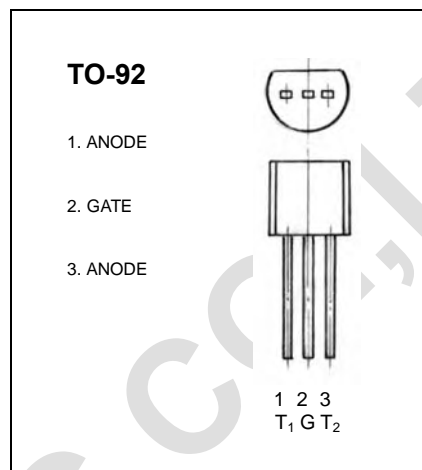
#### FEATURES

$V_{DRM}$ : 600 V

$I_{T\ RMS}$  : 1 A

Operating and storage junction temperature range

$T_J, T_{stg}$ : -55°C to +150°C



#### ELECTRICAL CHARACTERISTICS (T<sub>amb</sub>=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Rated repetitive peak off-state current	$I_{DRM}$	$V_D = V_{DRM}$		100	$\mu A$
On-state voltage	$V_{TM}$	$I_T = 1.5A$		1.5	V
Gate trigger current	$I_{GT}$	$V_D = 12V$ $R_L = 100\Omega$	I	15	mA
			II	15	mA
			III	15	mA
			IV	-	mA
Gate trigger voltage	$V_{GT}$	$V_D = 12V$ $R_L = 100\Omega$	I	1.5	V
			II	1.5	V
			III	1.5	V
			IV	-	V
Holding current	$I_H$	$V_D = 24V$ $I_G = 50mA$		50	mA