

### MAC97A8 TRIAC

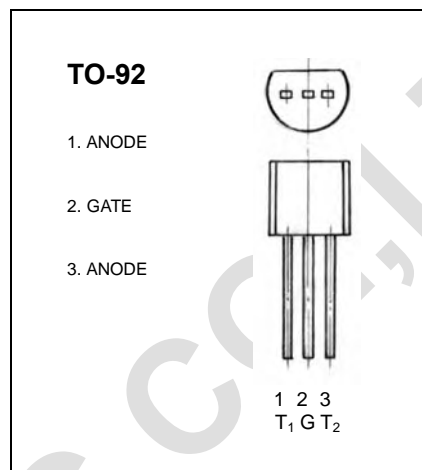
#### FEATURES

$V_{DRM}$ : 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 <sub>GT</sub>	$V_D = 12V$  $R_L = 100\Omega$		15	mA
				15	mA
				15	mA
				-	mA
Gate trigger voltage	V <sub>GT</sub>	$V_D = 12V$  $R_L = 100\Omega$		1.5	V
				1.5	V
				1.5	V
				-	V
Holding current	I <sub>H</sub>	$V_D = 24V$ $I_G = 50mA$		50	mA