



TIGER ELECTRONIC CO.,LTD

TO-92 Plastic-Encapsulate Transistors

MAC97A6 TRIAC

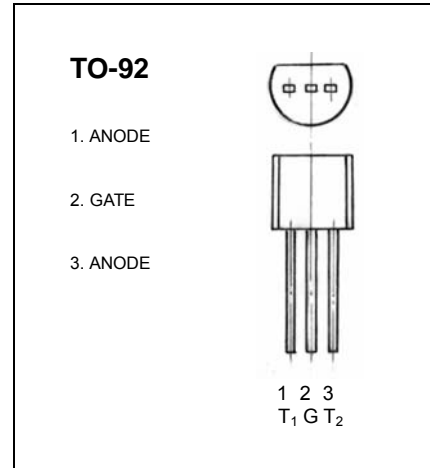
FEATURES

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°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}	$V_D = 12V$ $R_L = 100\Omega$	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