



T1210H-6E 12A TRIAC

Rev.A.1.1

DS0

The T1210H-6E is a 12A general purpose AC

switching device. It can be used as a ON/OFF switch

for AC power. It has a high thermal stability

and a long life span. It is suitable for

driving AC loads. It is packaged in a TO263

package. The maximum junction temperature is 150°C.

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Peak gate power	$P_{GM}$	10	W
Peak voltage ( $f_j=25$ kHz; $V_{GS}=15$ V; $V_{DS}=12$ V; FIG. 8)	$V_p$	4	V

120 3T3 97MC /P A T c 0X 38 >> BDC -0.003 Tc0 Tc

## CHARACTERISTICS

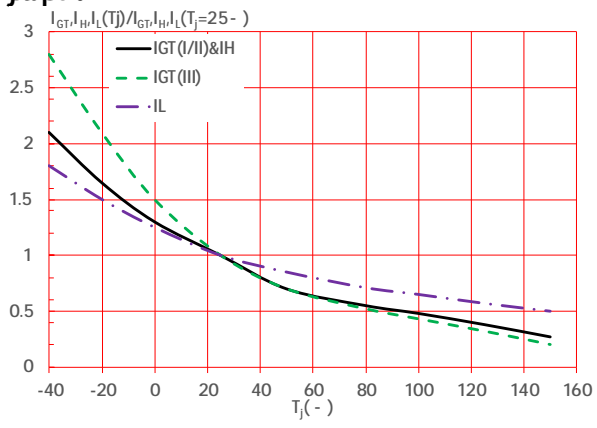
( $f_j=25$  kHz, unless specified)

Symbol	Test Condition	Quadrant	Value	Unit	
$I_{GT}$	$V_D=12V$ $R_L=33\Omega$	- -	MAX .	10	A
$V_{GT}$		- -	MAX .	1	V
$V_{GD}$	$V_D=V_{DRM}$ $T_j=150$ $R_L=3.3k\Omega$	- -			



FIG.1: Main product

FIG.7: Relative gate trigger current  
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**PARAM**

Order code	Voltage V <sub>DRM</sub> /V <sub>RRM</sub> (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		H- I- J			
T1210H-6E	600	10	TO-263	50	Tube
T1210H-6E-TR				800	Tape & Reel

**Document Revision History**

Date	Revision	Changes
Apr 11, 2023	A.1.0	Released





