T0810H-8K 8A TRIAC

Rev.A.1.2

DESCRIPTION:

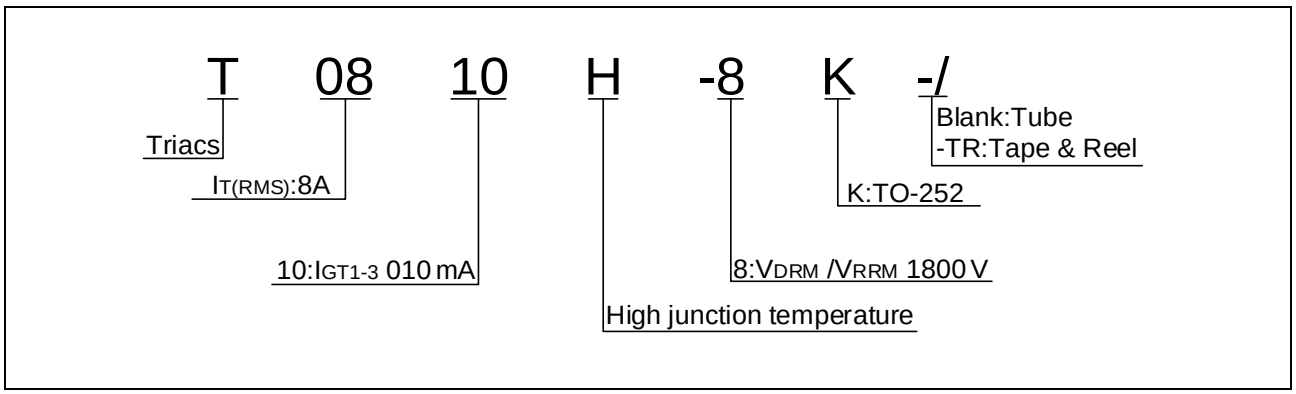
The T0810H-8K

Peak gate power	P_{GM}	10	W
Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.8)	V_{pp}	2.5	kV

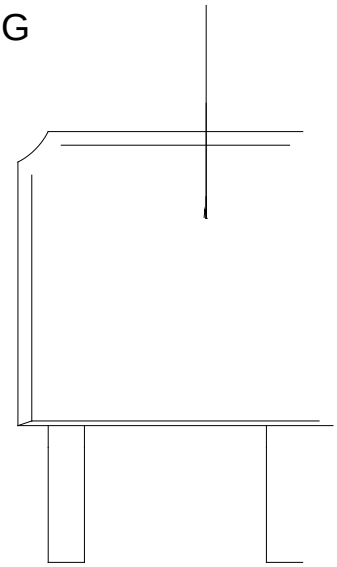
ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33	- -	MAX.	10	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} T_j =150 R_L =3.3k	- -	MIN.	0.2	V
I_L	I_G =1.2I_{GT}	-	MAX.	25	mA
				40	
I_H	I_T =100mA		MAX.	25	mA
dV/dt	V_D=540V Gate Open T_j =150		MIN.	150	V s
(dI/dt)c	G 9 G W F j=9150V 7		MIN.	1.8	A/ms
t_{on}	I_G=20mA I_A=200mA I_R=20mA T_j=25		TYP.		20.004 Tw 12 0( )]TJ EM22.68 re

ORDERING INFORMATION



MARKING

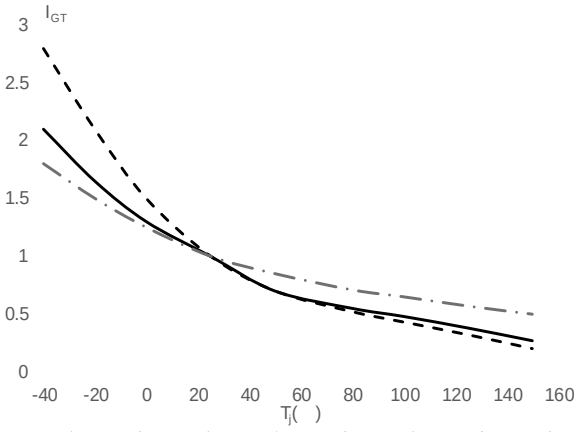


T(

FI(

on (W) RMS)

FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature



T0810H-8K

ORDERING INFORMATION

Order code	