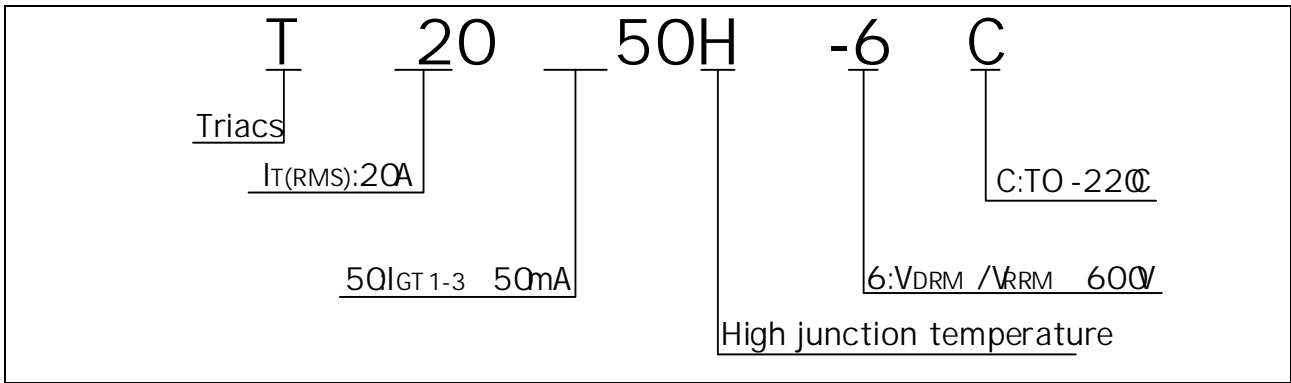


Peak pulse voltage ($T_j=25$; non-repetitive, of state; FIG.7)	V_{pp}	4	kV
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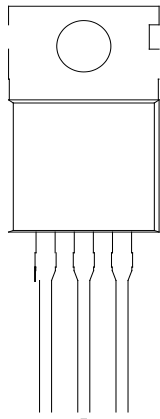
ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D = 12V$ $R_L = 33$	- -	MAX.	50	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.	70	mA
				100	
I_H	$I_T = 500mA$		MAX.	60	mA
dV/dt	$V_D = 400V$ Gate Open $T_j = 150$		MIN.	2200	V/s
$(di/dt)_c$	$V_D = 90V$ $T_j = 150$		MIN.	30	A/ms

ORDERING INFORMATION



MARKING



T2050H-6C

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT (mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T2050H6C	600	50	TO-220	50	Tube

Document Revision History

Date	Revision	Changes
Apr.10, 2023	A.1.0	Last updated
Oct.14, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

PACKAGE MECHANICAL DAA



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