

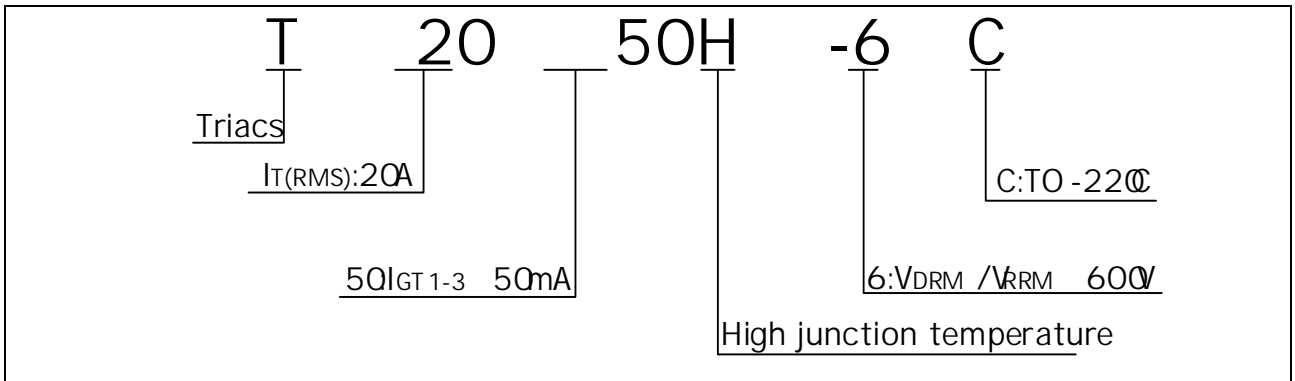


Peak pulse voltage ( $T_j=25^\circ\text{C}$ ; non-repetitive, off-state; FIG.7)	$V_{pp}$	4	kV
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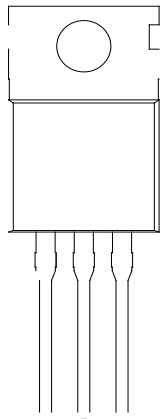
ELECTRICAL CHARACTERISTICS ( $T_j=25^\circ\text{C}$  unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
$I_{GT}$	$V_D = 12\text{V}$ $R_L = 33\Omega$	- -	MAX.	50	mA
$V_{GT}$		- -	MAX.	1	V
$V_{GD}$	$V_D = V_{DRM}$ $T_j = 150^\circ\text{C}$ $R_L = 3.3\text{k}\Omega$	- -	MIN.	0.2	V
$I_L$	$I_G = 1.2I_{GT}$	-	MAX.	70	mA
				100	
$I_H$	$I_T = 500\text{mA}$		MAX.	60	mA
$dV/dt$	$V_D = 400\text{V}$ Gate Open $T_j = 150^\circ\text{C}$		MIN.	2200	V/s
$(dI/dt)_c$	$V_D = 90\text{V}$ $V_{GS} = 15\text{V}$ $T_j = 150^\circ\text{C}$		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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