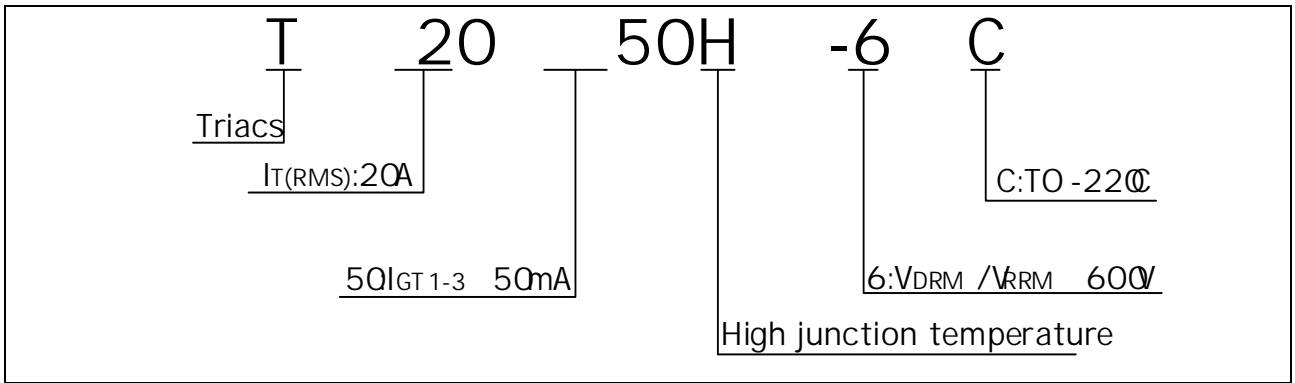


Peak pulse voltage ($T_j=25^\circ\text{C}$; non-repetitive, off-state; FIG.7)	V_{pp}	4	kV
--	----------	---	----

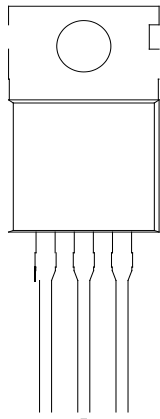
ELECTRICAL CHARACTERISTICS ($T_j=25^\circ\text{C}$ unless otherwise specified)

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
$(di/dt)_c$	$V_D = 90\text{V}$ $T_j = 150^\circ\text{C}$		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



Information furnished in this document is believed to be accurate and reliable. However, Jiangsu JieJie Microelectronics Co., Ltd. assumes no responsibility for the consequences of use without consideration for such information nor use beyond it. Information mentioned in this document is subject to change without notice, apart from that when an agreement signed, Jiangsu JieJie complies with the agreement.

Products and information provided in this document have no infringement of patents. Jiangsu JieJie assumes no responsibility for any infringement of other rights of third parties which may result from the use of such products and information. This document supersedes and replaces all information previously supplied.

 is a registered trademark of Jiangsu JieJie Microelectronics Co., Ltd.

Copyright © 2025 Jiangsu JieJie Microelectronics Co., Ltd. All rights reserved.