

JST12A-1200TW

Average gate power dissipation (T _j =125)	P _{G(AV)}	0.5	W
Peak gate power	P _{GM}	10	W
Peak pulse voltage (T _j =25			

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I_{GT}

D 0.480.004 Tc -0.002 Tw 12 0 0 121740.52 612.6 Tm [(=-8 t12V)1 (R)]TJ -0.034 Tc 0.034 Tw 8.04 0 0 8.04 180.84 612.12 Tm

365 >>BDC 0.004 Tc -0.004 Tw 6.26 0.97 Td (mA)Tj 0 Tc 0

D=800V Gae e n T_j 25 MIN. .<0107>Tj EMMN.11Span.7 (/w)1386 >>BDC /TT3 1 Tf -

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t_{on}

I_G= mA I_R= 0mA
T_j=25 TYP.313.481 0MC13.7 (/w)139481 0P <<6.69 0.97 Td [(2)-435313.481 0MC13

Sybol	Pameter	VuMAX .)	
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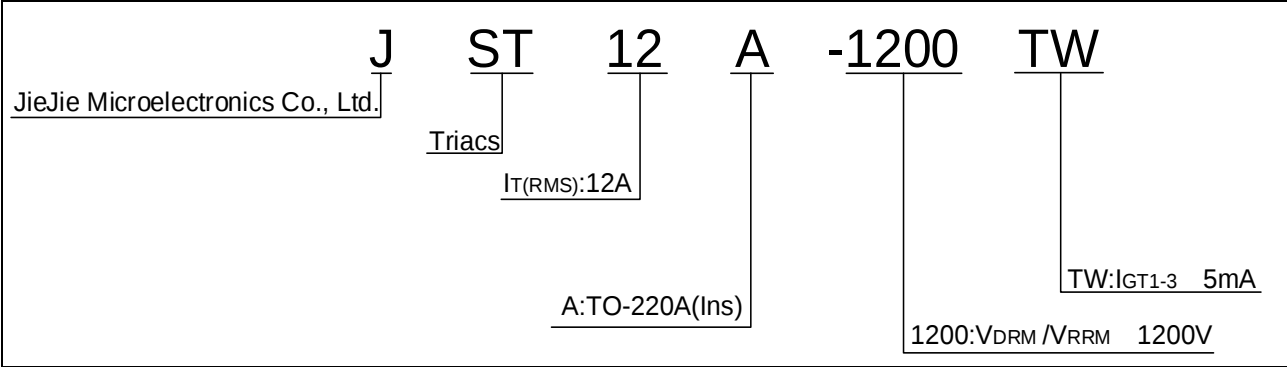
V_{TM} T_M = A t_p=380 s313.481 0MC13.7 (/w)13106 >>BDC 3.77 0 Td (T)Tj 8.04 0 0 8.04
j= 25 0.78V313.481 0MCET 56.4 309

	j= 25	37	P
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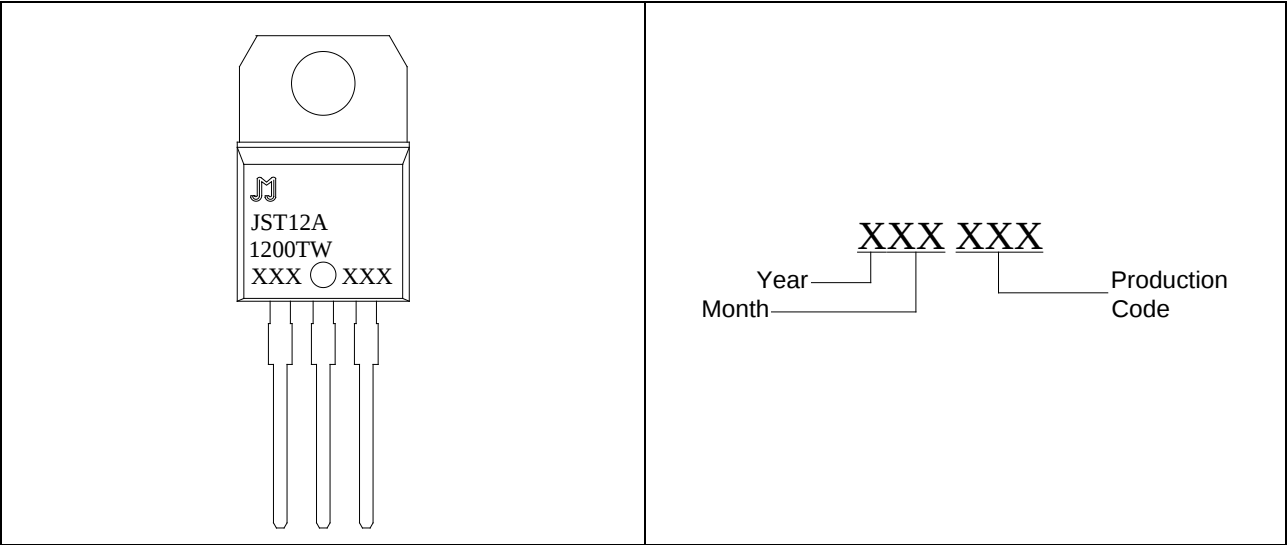
I_{DRM}

V_D=V_{DRM}

ORDERING INFORMATION



MARKING



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Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST12A-1200TW	1200	5	TO-220A(Ins)	50	Tube

Document Revision History

Date	Revision	Changes
Apr.11, 2023	A.1.0	Last updated
Oct.13, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

