



JST26Z-1200BW 25A TRIAC

Rev.A.1.1

DESCRIPTION:

Peak gate power	P_{GM}	10	W
Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.7)	V_{pp}	2.5	kV

ELECTRICAL CHARACTERISTICS($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V$ $R_L=33\Omega$	- -	MAX.	50	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	$V_D=V_{DRM}$ $T_j=125$ $R_L=3.3k\Omega$	- -	MIN.	0.2	V
I_L	$I_G=1.2I_{GT}$	-	MAX.	90	mA
				100	
I_H	$I_T=500mA$		MAX.	80	mA
dV/dt	$V_D=800V$ Gate Open $T_j=125$		MIN.	2500	V/ μs
$(dI/dt)_c$	$(dV/dt)_c=20V/\mu s$ $T_j=125$		MIN.	25	A/ms
t_{on}	$I_G=80mA$ $I_A=400mA$ $I_R=40mA$ $T_j=25$		TYP.	2	μs
t_{off}				60	

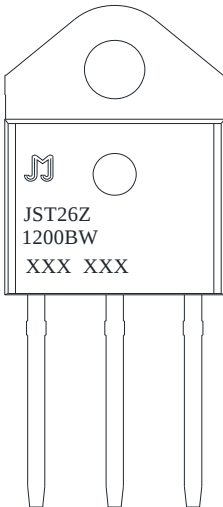
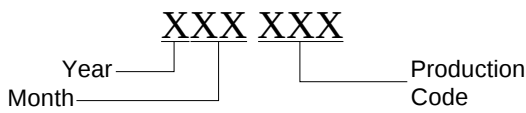
STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	$I_{TM}=35A$ $t_p=380\mu s$	$T_j=25$	1.7	V
V_{TO}	Threshold voltage	$T_j=125$	0.75	V
R_D	Dynamic resistance	$T_j=125$	26	m Ω
I_{DRM}	$V_D=V_{DRM}$ $V_R=V_{RRM}$	$T_j=25$	10	μA

ORDERING INFORMATION

<u>J</u>	<u>ST</u>	<u>26</u>	<u>Z</u>	<u>-1200</u>	<u>BW</u>
JieJie Microelectronics Co., Ltd.	Triacs				
	<u>IT(RMS):25A</u>				
		<u>Z:TO-3P(Ins)</u>			
					<u>BW:IGT1-3 0.50mA</u>
				<u>1200:VDRM /VRRM 1 1200V</u>	

MARKING

	
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ORDERING INFORMATION

Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST26Z-1200BW	1200	50	TO-3P(Ins)	30	Tube

Document Revision History

Date	Revision	Changes
Apr.12, 2023	A.1.0	Last updated
Oct.16, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

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