Pe ak gate power	P_{GM}	10	W
Pe ak gate voltage (Tj=25 ; o -e p e ,f -ate ;FIG.7)	V_p	2.5	V

ELECTRICAL CHARACTERISTICS (Tj=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33Ω	- -	MAX.	50	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} Tj=125 R_L =3.3kΩ	- -	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=1070V Gate Open Tj=125		MIN.	2000	V/μs
(dI/dt)c	(dV/ dt)c=20V/μs Tj=125		MIN.	25	A/ms
t_d	I_G=80mA I_A=400mA I_R=40mA Tj=25		TYP.	3	μs
t_q				80	

STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	I_{TM} =35A t_p=380μs	Tj=25	1.8	V
V_{TO}	Th re sh ld	Tj=125	0.77	V
R_D	Dy mic sis nce	Tj=125	35	mΩ
I_{DRM}	V_D=V_{DRM} V_R =V_{RRM}	Tj=25	20	μA
I_{RRM}		Tj=125	8	mA

THERMAL RESISTANCES

Symbol	Parameter	Value	Unit
$R_{th(j-c)}$	Ju ti n to ca se (AC)	1.1	/W
$R_{th(j-a)}$	Ju ti n to am bie nt (AC)	50	/W

ORDERING INFORMATION

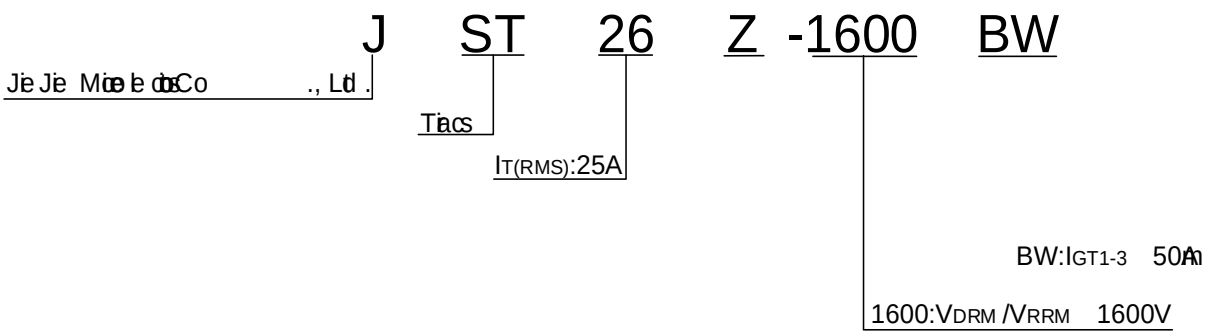


FIG.1: Maximum power dissipation versus RMS on-state current

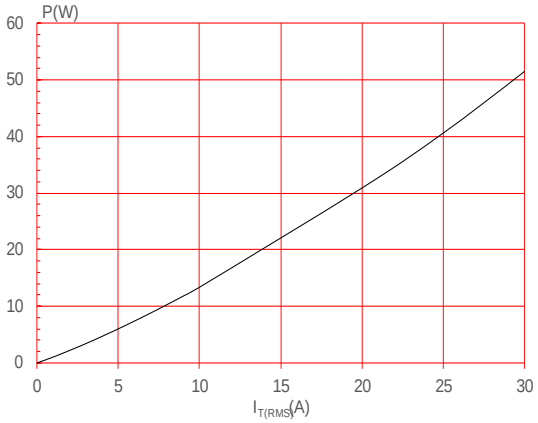


FIG.2: RMS on-state current versus case temperature

FIG.7

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM}(V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		H- I- J			
JST26Z-1600BW	1600	50	TO-3P(Ins)	30	Tube

Document Revision History

Date	Revision

PACKAGE MECHANICAL DATA



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JiagJie Jie Mice le dosCo, Ltdasmse elyfo e eq ce s
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