Pakg (T_j=25 ; n -fo -at FIG.7)	V_p	1	kV

ELECTRICAL CHARACTERISTICS(T_j=25)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33Ω	- -	MAX.	50	mA
V_{GT}		- -	MAX.	1.3	V
V_{GD}	V_D =V_{DRM} T_j=125 R_L =3.3kΩ	- -	MIN.	0.2	V
I_L	I_G=1.2I_{GT}	-	MAX.	80	mA
				120	
I_H	I_T =1A		MAX.	70	mA
dV/dt	V_D=1070V Gate Open T_j=125		MIN.	1500	V/μs
(dI/dt)c	(dV/dt)c=20V/μs T_j=125		MIN.	28	A/ms
t_{on}	I_G=80mA I_A=400mA I_R=40mA T_j=25		TYP.	12	μs
t_{off}				80	

STATIC CHARACTERISTICS

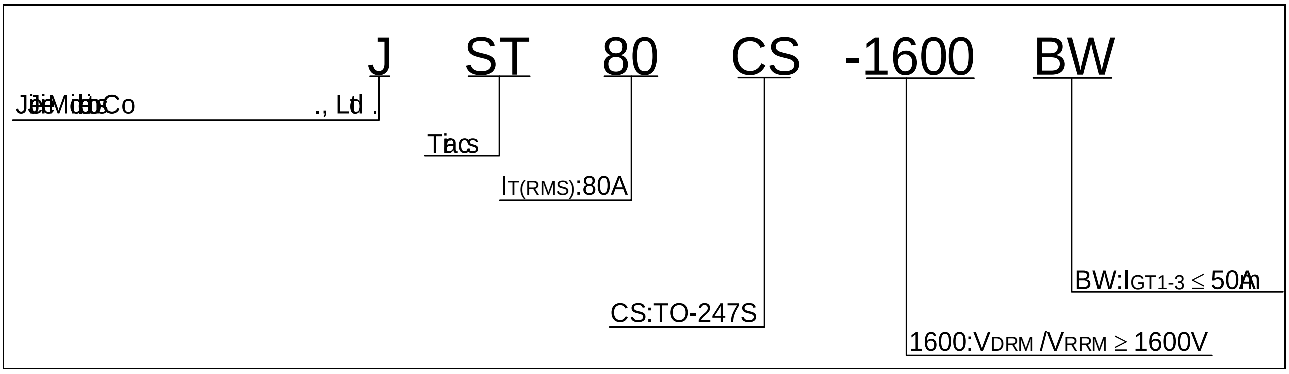
Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	I_{TM} =120A t_p=380μs	T_j=25	1.9	V
V_{TO}	Thg	T_j=125	0.71	V
R_D	Dynamice	T_j=125	23	mΩ
I_{DRM}	V_D=V_{DRM} V_R =V_{RRM}	T_j=25	20	μA
I_{RRM}		T_j=125	12	mA

THERMAL RESISTANCES

Symbol	Parameter	Value	Unit

$R_{th(j-c)}$

ORDERING INFORMATION



MARKING

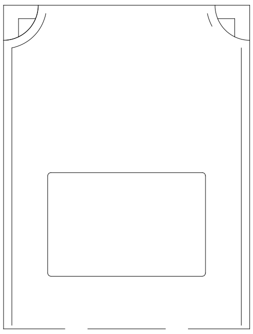


FIG.1: Ma[illegible] RMS
o [illegible]

FIG.2: RMS o -[illegible]
[illegible]

FIG.7

PACKAGE MECHANICAL DATA