



Rev.A.1.1

Th \$2 E -800 B as absp

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Plan

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage temperature	T_g	-40-150	
Operating temperature	T_j	-40-125	
Power dissipation (at $T_j = 25^\circ\text{C}$)	V_{DRM}	800	V
Peak power (at $T_j = 25^\circ\text{C}$)	V_{RM}	800	V
On-state current (at $T_c = 103^\circ\text{C}$)	I_{TM}	12	A
On-state current (at $t_p = 20\text{ms}$, $T_j = 25^\circ\text{C}$)	I_{SM}	120	A
On-state current (at $t_p = 16.6\text{ms}$, $T_j = 25^\circ\text{C}$)		132	

12

abCo . . d J \$ 12 E -800 B - /

B :
-R : & R

ITM : 12A

E : D -263

800 : Vm / V 800 V

B : G 1-3 50 A I G 4 70 A

FIG.1: 
Pin 1 location

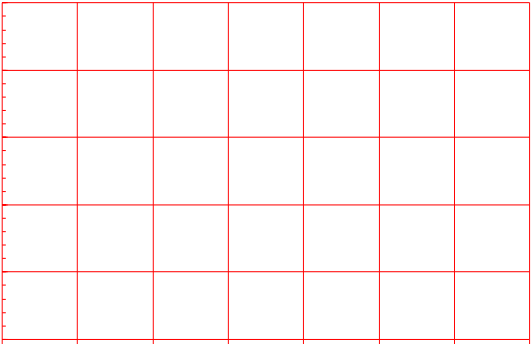
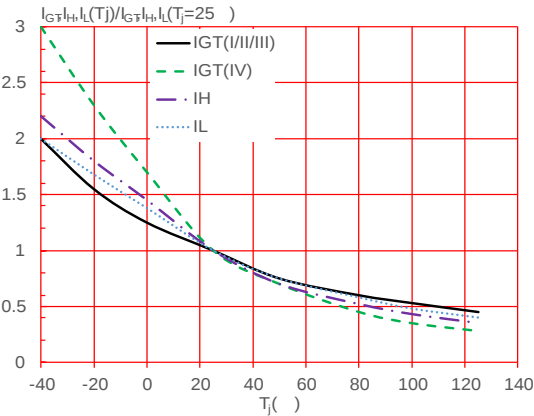


FIG.2: 
Pin 12 location

FIG.7: ~~Static~~
~~g~~ ~~edge~~
~~pp~~



2Tj1EM/CSET /InlineShaginachMCID92 BT /CSq10.04406815.96 -0.0

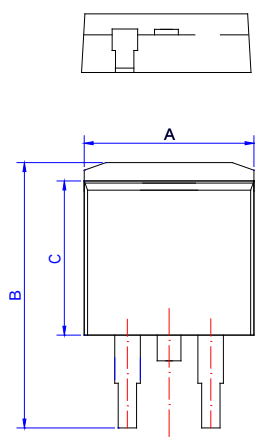
ORDERING INFORMATION

Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)		Package	Base qty. (pcs)	Delivery mode
		- -				
JST12E-800B	800	50	70	TO-263	50	Tube
JST12E-800B-TR					800	Tape & Reel

Document Revision History

Da	R	Cg
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PACKAGE MECHANICAL DATA



E	Dim					
	a			b		
	M	mm	M	M	mm	M
A	9.90		10.20	0.390		0.402
B	14.70		15.80	0.579		0.622
C	9.40		9.60	0.370		0.378
D	2.40			0.094		
E	1.20		1.50	0.047		0.059
	0.75		0.85	0.029		0.033

