



JST12E-800B 12A TRIAC

Rev.A.1.1

DESCRIPTION:

12A TRIAC

AC switch

12A

800V

TO-18

Package TO-18

Pin

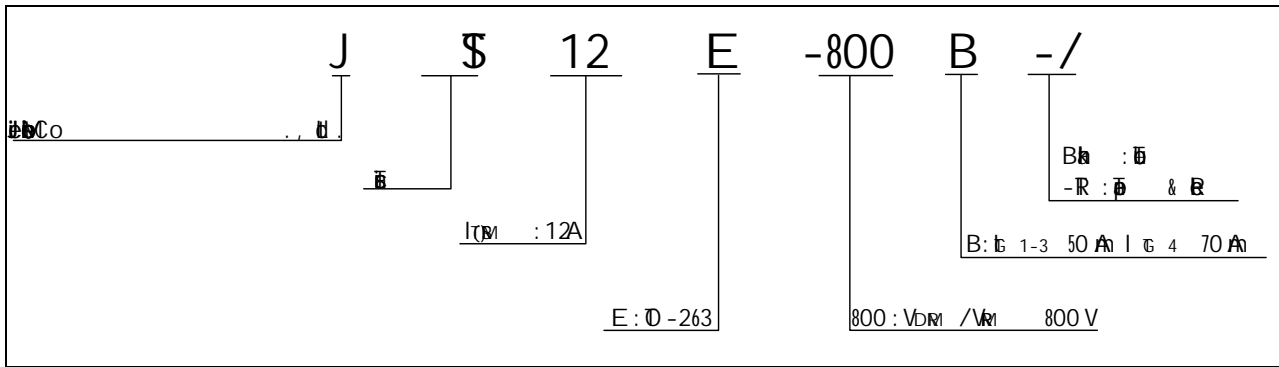
MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage temperature	T_s	-40-150	
Operating temperature	T_j	-40-125	
Maximum DC voltage (T _j = 25 °C)	V_{DM}	800	V
Maximum AC voltage (T _j = 25 °C)	V_{RM}	800	V
Maximum DC current (T _c = 103 °C)	I_{TM}	12	A
Maximum surge current (I _{avg} , t _p = 20ms, T _j = 25 °C)	I_M	120	A
Maximum surge current (I _{avg} , t _p = 16.6ms, T _j = 25 °C)		132	

I²

ORDERING INFORMATION



MARKING

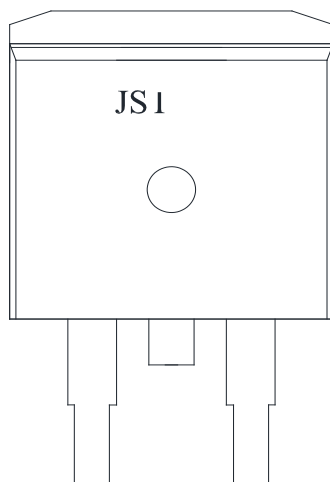


FIG.1: ~~mm~~
a ~~mm~~

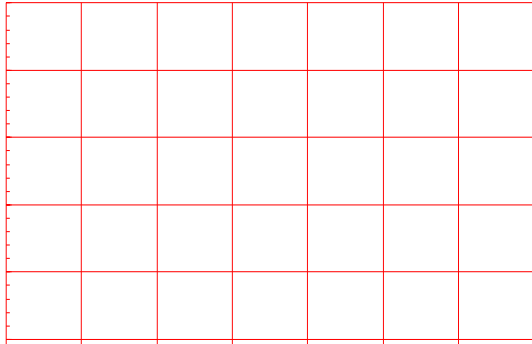
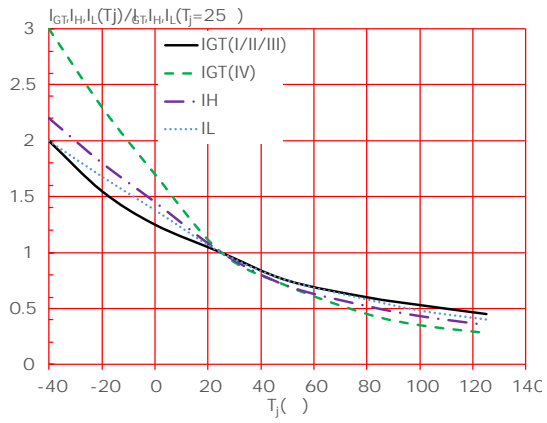


FIG.2: ~~mm~~ ~~mm~~
a

FIG.7: ~~IGT~~ ~~IGT~~

~~IGT~~ ~~IGT~~

~~IGT~~



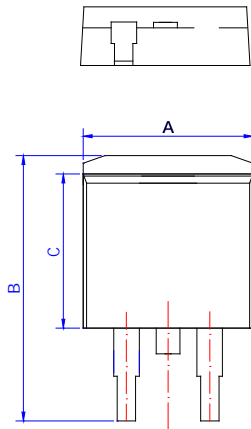
ORDERING INFORMATION

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

Doc	Rev	Chg
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PACKAGE MECHANICAL DATA



R	Dim					
	a			b		
	M	μ	M	M	μ	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
F	0.75		0.85	0.029		0.033

