

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I _{GT}	V _D =12V R _L =33	- -	MAX.	5	mA
				10	
V _{GT}		ALL	MAX.	1	V
V _{GD}	V _D =V _{DRM} T _j =125 R _L =3.3k	ALL	MIN.	0.2	V
I _L	I _G =1.2I _{GT}	-	MAX.	15	mA
		-		25	
I _H	I _T =100mA		MAX.	15	mA
dV/dt	V _D =540V Gate Open T _j =110		MIN.	100	V/s
(dV/dt) _c	(dI/dt) _c =1A/ms, T _j =110		MIN.	2.5	9 V
t _{on}	I _G =20mA I _A =200mA I _R =20mA		TYP.	1	s
t _{off}	T _j =25			12	

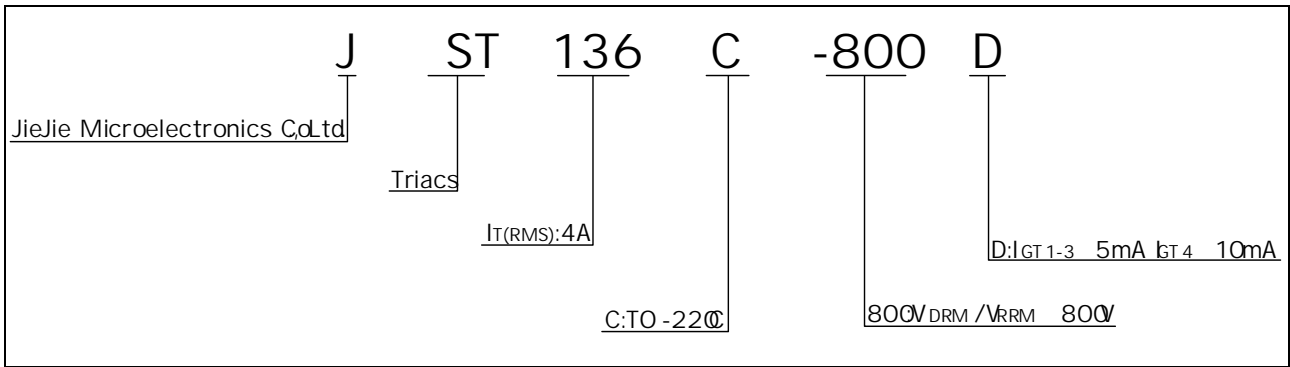
STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
V _{TM}	I _{TM} =5A t _p =380s	T _j =25	1.7	V
V _{TO}	Threshold voltage	T _j =125	0.94	V
R _D	Dynamic resistance	T _j =125	124	P
I _{DRM}	V _D =V _{DRM} V _R =V _{RDM}	T _j =25	5	A
I _{RDM}		T _j =125	0.4	mA

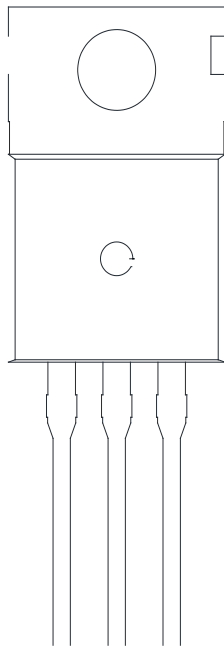
THERMAL RESISTANCES

Symbol	Parameter	Value	Unit
R _{th(jc)}	junction to case (AC)	2.3	/W
R _{th(ja)}	junction to ambient (AC)	60	/W

ORDERING INFORMATION



MARKING



JST136C-800D

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT (mA)		Package	Base qty. (pcs)	Delivery mode
		-	-			
JST136C-800D	800	5	10	TO-220C	50	Tube

Document Revision History

Date	Revision	Changes Cate
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PACKAGE MECHANICAL DATA



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