

Comparison report

Prepared by Meg Yu
Checked by Zoe Chiang
Approved by Stanley Lin
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Reversion for A

Subject: Remove parameter Trr from datasheet

Remark : take S1xL for example

old datasheet version

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS ($T_A=25^\circ\text{C}$ unless otherwise noted)									
PARAMETER	SYMBOL	S1AL	S1BL	S1DL	S1GL	S1JL	S1KL	S1ML	UNIT
Marking code		1AL	1BL	1DL	1GL	1JL	1KL	1ML	
Maximum repetitive peak reverse voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum average forward rectified current	$I_{F(AV)}$	1							A
Peak forward surge current, 8.3 ms single half sine-wave superimposed on rated load	I_{FSM}	30							A
Maximum instantaneous forward voltage (Note 1) @ 1 A	V_F	1.1							V
Maximum reverse current @ rated V_R $T_J=25^\circ\text{C}$ $T_J=125^\circ\text{C}$	I_R	5 50							μA
Typical junction capacitance (Note 2)	C_J	9							pF
Typical reverse recovery time (Note 3)	t_{rr}	1.8							μs
Typical thermal resistance	$R_{\theta JL}$ $R_{\theta JA}$	25 85					30 85		$^\circ\text{C/W}$
Operating junction temperature range	T_J	- 55 to +175							$^\circ\text{C}$
Storage temperature range	T_{STG}	- 55 to +175							$^\circ\text{C}$

new datasheet version

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