



Surface Mount Ultrafast Rectifier Diode

Typical Applications

For use in high frequency rectification and freewheeling application in switching mode converters and inverters for consumer, computer and telecommunication.

Mechanical Data

Package: DO-214AB (SMC)

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free

Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102

Polarity: Color band denotes the cathode end

otherwise specified

	SYMBOL	UNIT	MURS340
			MURS340
	V_{RRM}	V	400
	V_{RMS}	V	280
	V_{DC}	V	400

			100
	I_{FSM}	A	200
	I^2t	A ² s	41.5
	T_{stg}		-55 ~ +150
	T_j		-55 ~ +150

Unless otherwise specified

	UNIT	TEST CONDITIONS	MURS340
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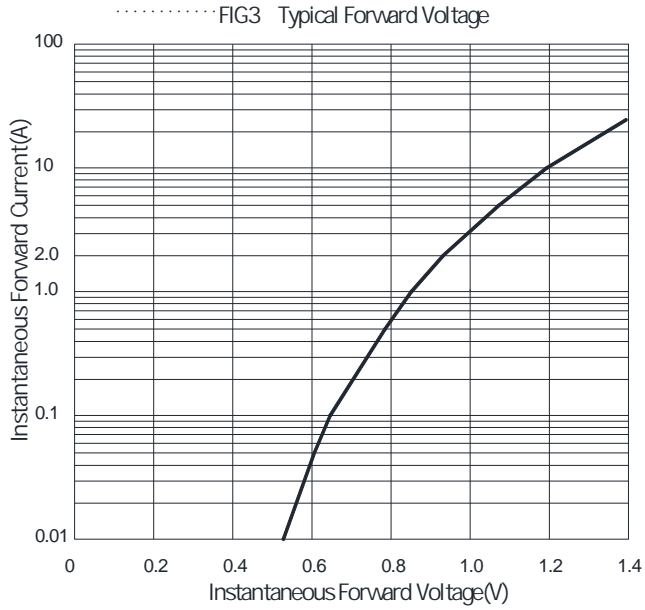
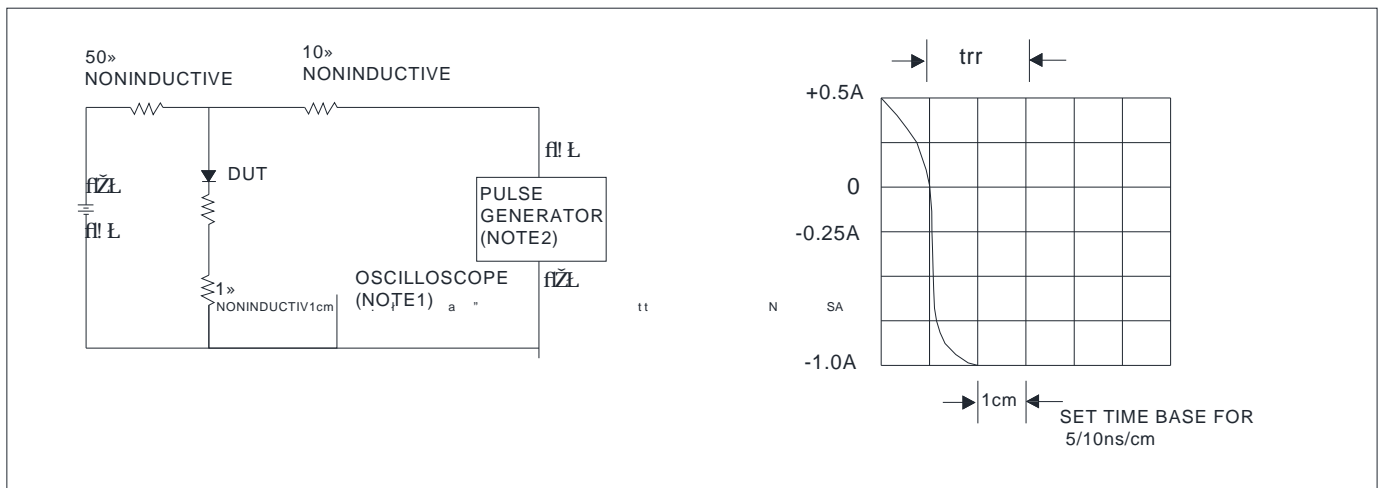
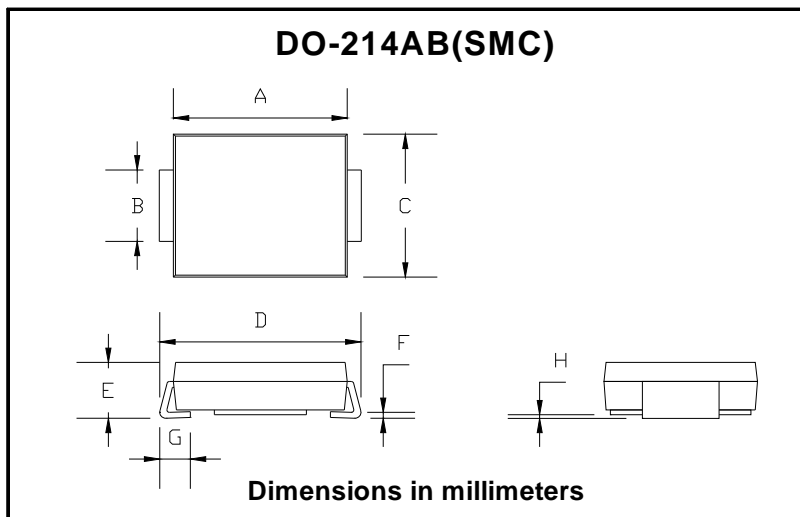


FIG.5: Diagram of circuit and Testing wave form of reverse recovery time



Outline Dimensions



DO-214AB (SMC)		
Dim	Min	Max
A	6.60	7.11
B	2.85	3.27
C	5.59	6.22
D	7.75	8.13
E	1.99	2.61
F	0.15	0.31
G	0.76	1.52
H	0.05	0.20

MURS340



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