S1AB THRU S1MB SMB

Surface Mount General Purpose Silicon Rectifiers

Reverse Voltage - 50 to 1000 V

Forward Current - 1 A

FEATURES

For surface mounted applications
Low profile package
Glass Passivated Chip Junction
Ideal for automated placement





DO-214AA/SMB

DO-214AA/

S1AB	**YFW S1A**
S1BB	**YFW S1B**
S1DB	**YFW S1D**
S1GB	**YFW S1G**
S1JB	**YFW S1J**
S1KB	**YFW S1K**
S1MB	**YFW S1M**

S1AB **S1BB** **S1DB** **S1GB** **S1JB** **S1KB** **S1MB**

Fig.1 Forward Current Derating Curve

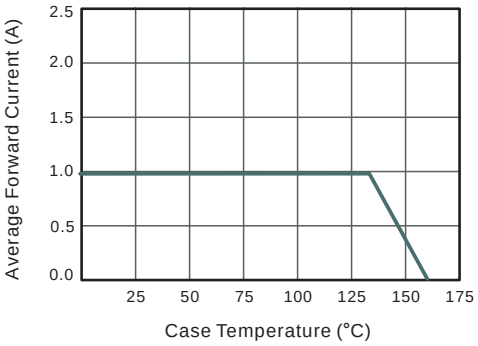


Fig.2 Typical Instaneous Reverse Characteristics

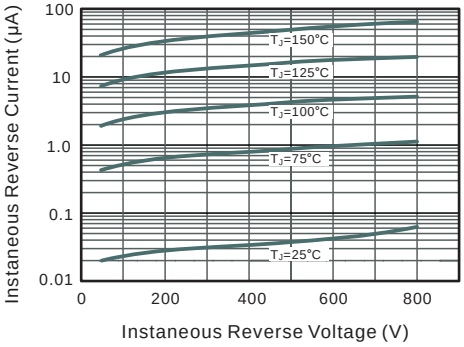
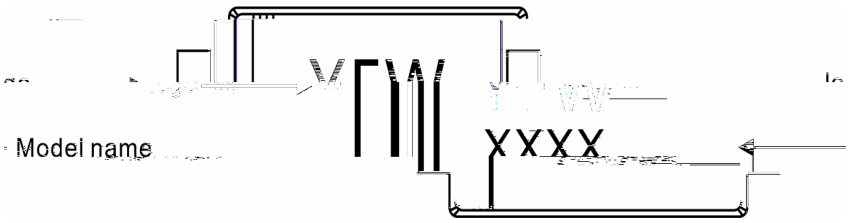


Fig.4 Typical Junction Capacitance



Marking Diagram

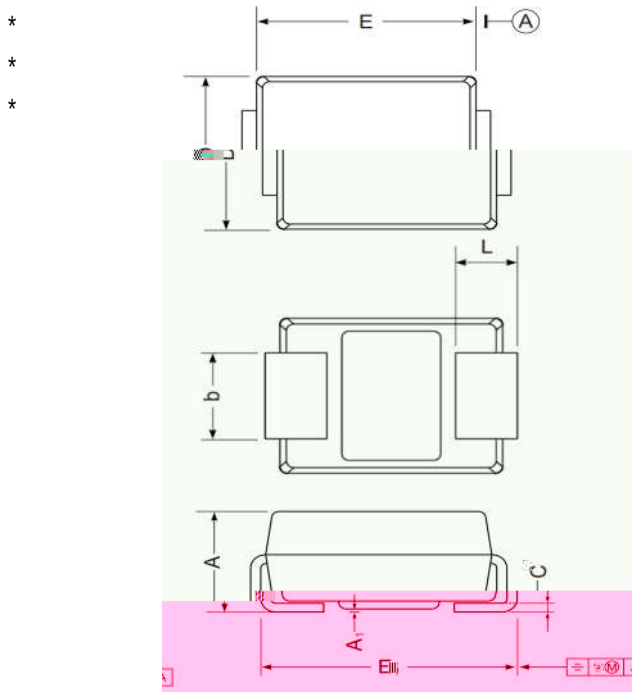


Ordering information

Package	Packing Description	Packing Quantity
DO-214AA SMB	!"#!!$%&'()!!$*	'+++,-."#!!$*'++++,-."-)/01*

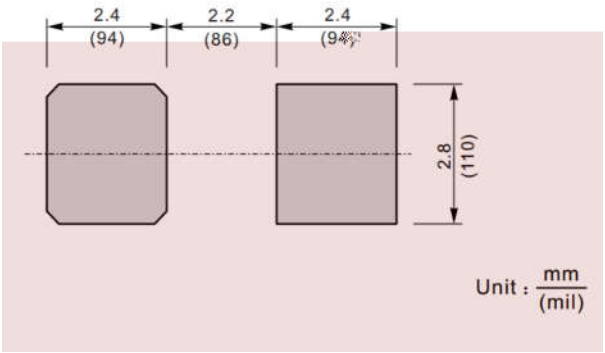
Package Dimensions

DO-214AA SMB



Dim.	Millimeter(mm)		mil	
	Min.*	Max.	Min.	Max.*
2*	34&'*	3455*	65*	78*
9*	54+8*	54:+*	&8+*	&6;*
<**	'4'*	'475*	&'+*	&;;*
9&*	;4+6*	;4;7*	3++*	33+*
2&*	+4+;*	+43+*	34+*	:47*
=*	+46*	&4;*	'3*	;7*
-*	+4&;3*	+4'+;*	8*	&3*
>*	&47*	343*	:;*	6:*

The recommended mounting pad size



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