/ Descriptions

50V~1000V 2.0A SMB

Surface Mount Ultrafast Recovery Rectifier,Reverse Voltage:50 to1000V,Forward Current:2.0A, SMB package.

/ Features

RoHS 2011/65/EU

Glass Passivated Chip Junction High efficiency Lead free in comply with EU R HS 2011/65/EU directives For surface mounted applications. Halogen free product.

/ Applications

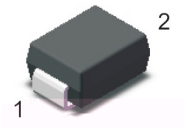
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General purpose.

/ Equivalent Circuit



/ Pinning





/ Marking

See Marking Instructions.

/ Absolute Maximum Ratings(Ta=25)

Parameter

Note:

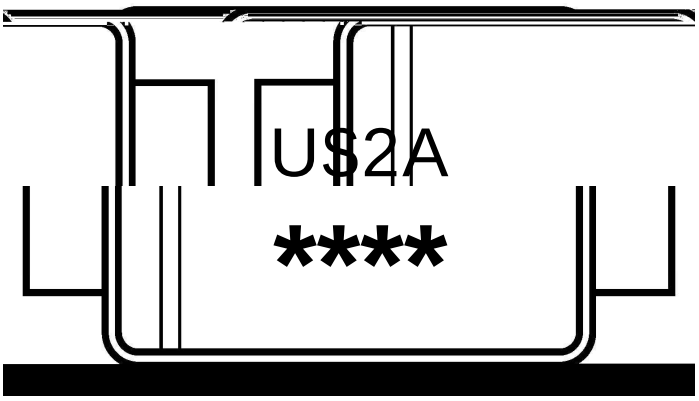
(1) P.C.B. mounted with 2.0 X 2.0" (5 X 5 cm) copper pad areass .

Parameter	Symbol	Test condition	Rating							Unit
			US2AB	US2BB	US2DB	US2GB	US2JB	US2KB	US2MB	
Maximum Instantaneous Forward Voltage	V_F	I_F=2.0A	1.0			1.3	1.65			V
Maximum DC Reverse Current at Maximum DC Blocking Voltage	I_R	T_a=25	5.0							uA
		T_a=125	100							
Maximum Reverse Recovery Time	T_{rr}	I_F=0.5A I_R=1.0A I_{rr}=0.25A	50				75			ns

US2AB~US2MB
Rev.A Nov.-2017

/ Marking Instructions

/ Marking Instructions



US2A

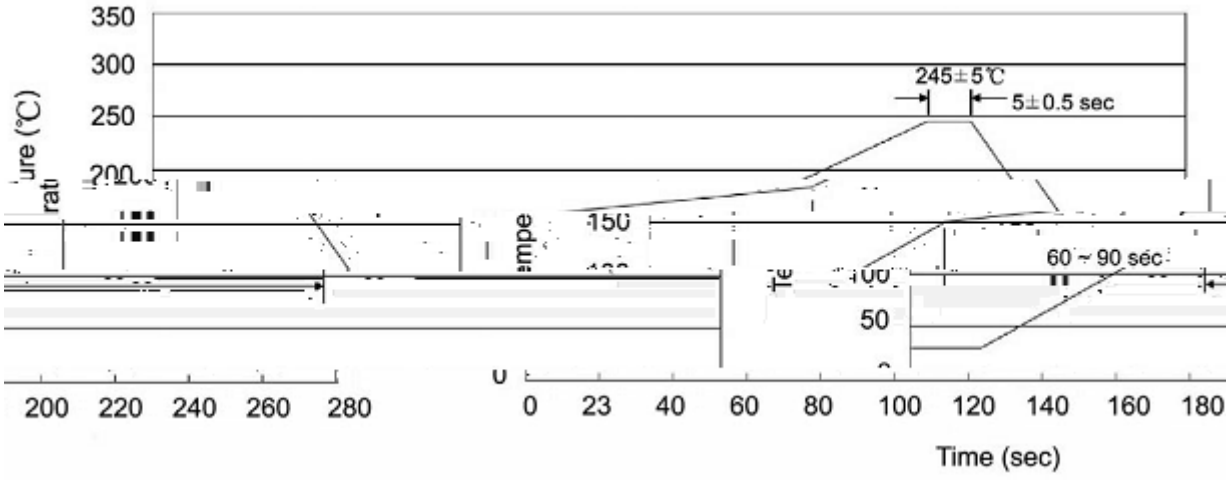
**** 1 3

Note:

US2A Product Type Code

**** Lot No. Code The 1st means:YM Code The last 3 means:little Lot No Code

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Note:

1 25 150 60 90sec;

1.Preheating:25~150 , Time:60~90sec.

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