

/ Descriptions

50V~1000V 2.0A SMB

Surface Mount Ultrafast Recovery Rectifier, Reverse Voltage: 50 to 1000V, Forward Current: 2.0A, SMB package.

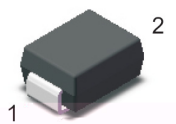
/ Features

RoHS 2011/65/EU

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

/ Applications

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

US2AB~US2MB

Rev.A Nov.-2017

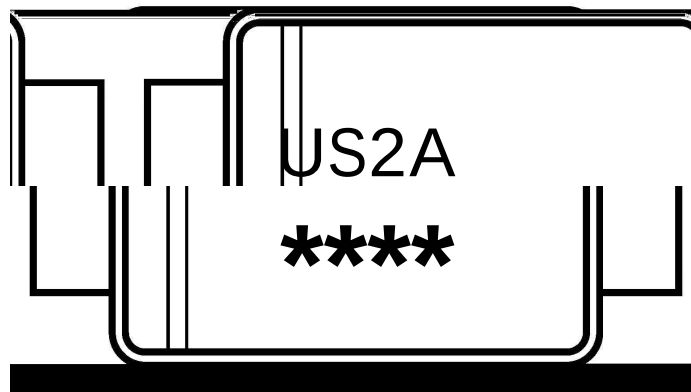


蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

/ Marking Instructions

/ Marking Instructions



US2A

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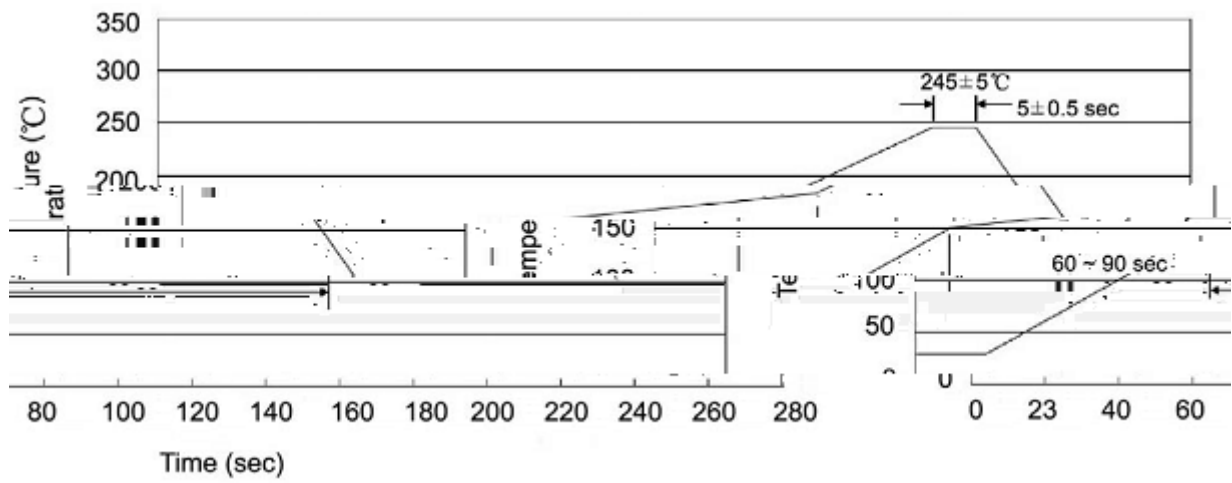
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Note:

US2A Product Type Code

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

() /



Note:

- 1 25 150 60 90sec;
- 2

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