

5 é / Descriptions

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Surface Mount Superfast Recovery Rectifier,Reverse Voltage:50 to600V,Forward Current:1.0A,
SMBF thin package.

□ a / Features

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Glass Passivated Chip Junction, Fast reverse recovery time, Lead free in comply with EU R 2HS
2011/65/EU directives, For surface mounted applications. Halogen free product.

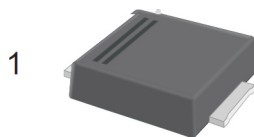
Đ ÷ / Applications

%² " (
General purpose.

Ã W] Ô . / Equivalent Circuit

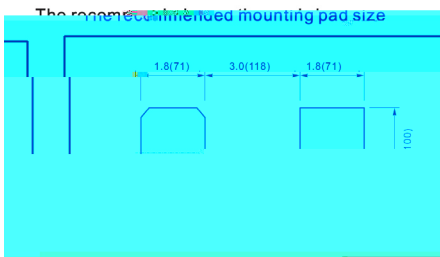


• Ů - æ / Pinning



2

PIN	DESCRIPTION
1	Cathode
2	Anode



, M V / Marking

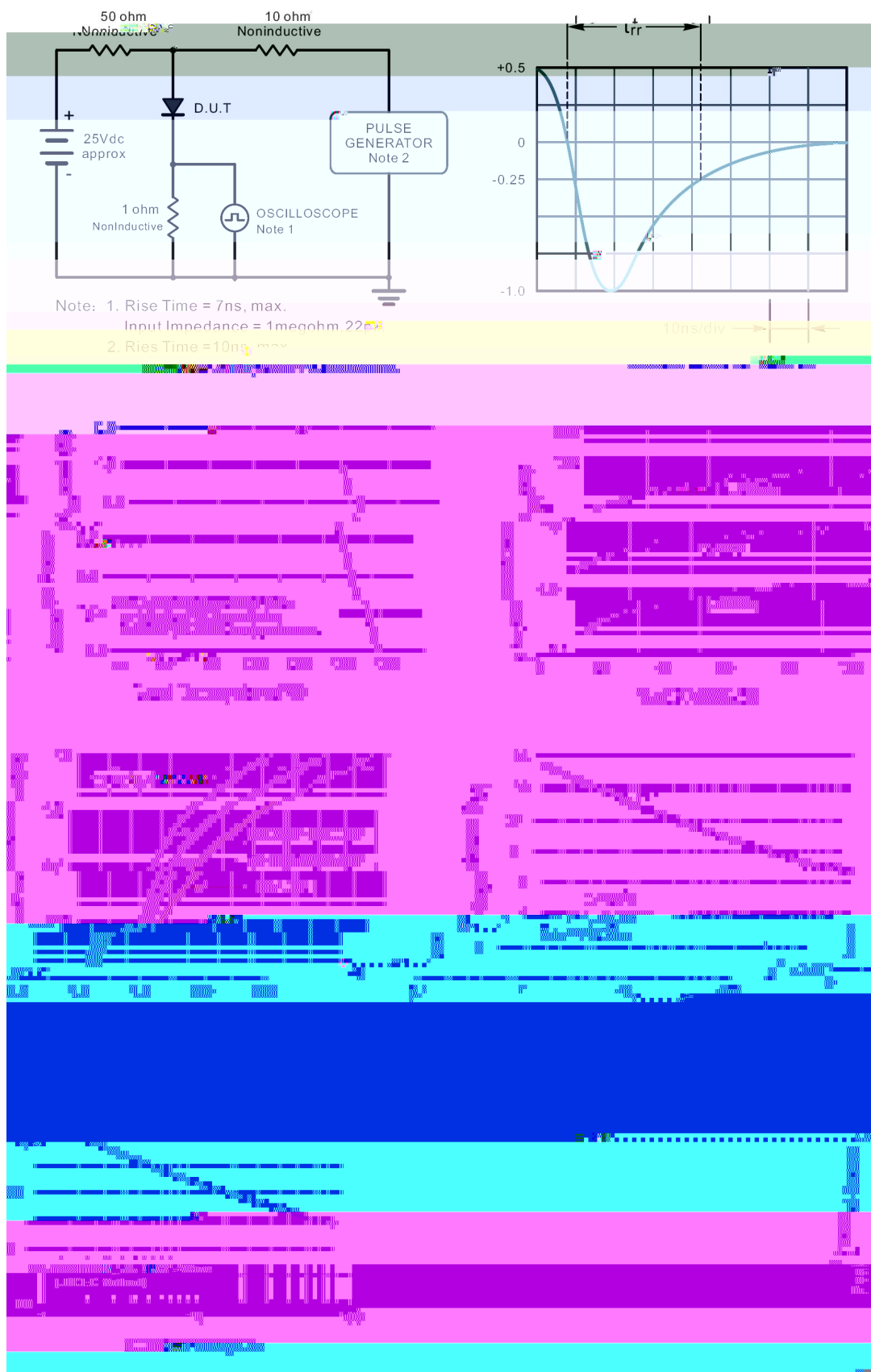
• - ~ a ¢ o ž See Marking Instructions

ES1ABF~ES1JBF

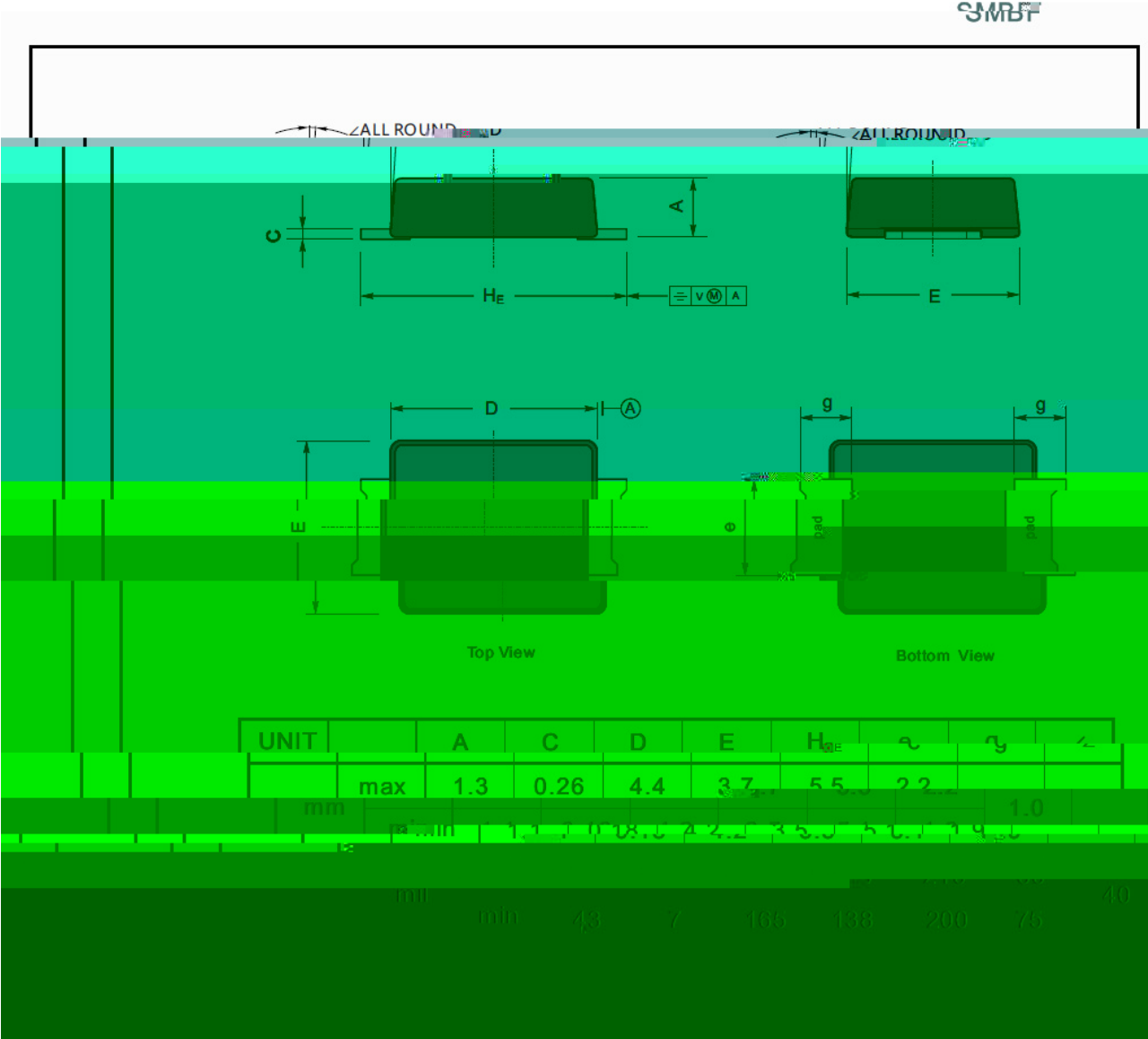
Rev.E May.-2019

@ f Parameter	... Z Symbol	f > Rating							% y Unit
		ES1ABF	ES1BBF	ES1CBF	ES1DBF	ES1EBF	ES1GBF	ES1JBF	
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	50	100	150	200	300	400	600	V
Maximum RMS voltage	V _{RMS}	35	70	105	140	210	280	420	V
Maximum DC Blocking Voltage	V _{DC}	50	100	150	200	300	400	600	V
Maximum Average Forward Rectified Current at T _L = 100	I _{F AAV A}	1.0							A

电 阻 器 / Electrical Characteristic Curve



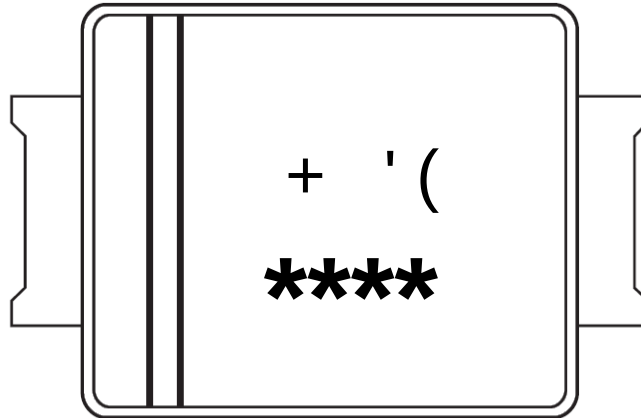
Ø □ =) ⌀ / Package Dimensions



Marking

Type number	Marking code
ES1ABF	E1A
ES1BBF	E1B
ES1CBF	E1C
ES1DBF	E1D
ES1EBF	E1E
ES1GBF	E1G
ES1JBF	E1J

, My f / Marking Instructions



^a ¢ y

E1AB y ° Z W A

**** y ÿ D Z AÇ A k † 1 * v ã W A k e µ 3 * ¢ ã 4 Z W A

Note:

E1AB y Product Type Code

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

ES1ABF~ES1JBF

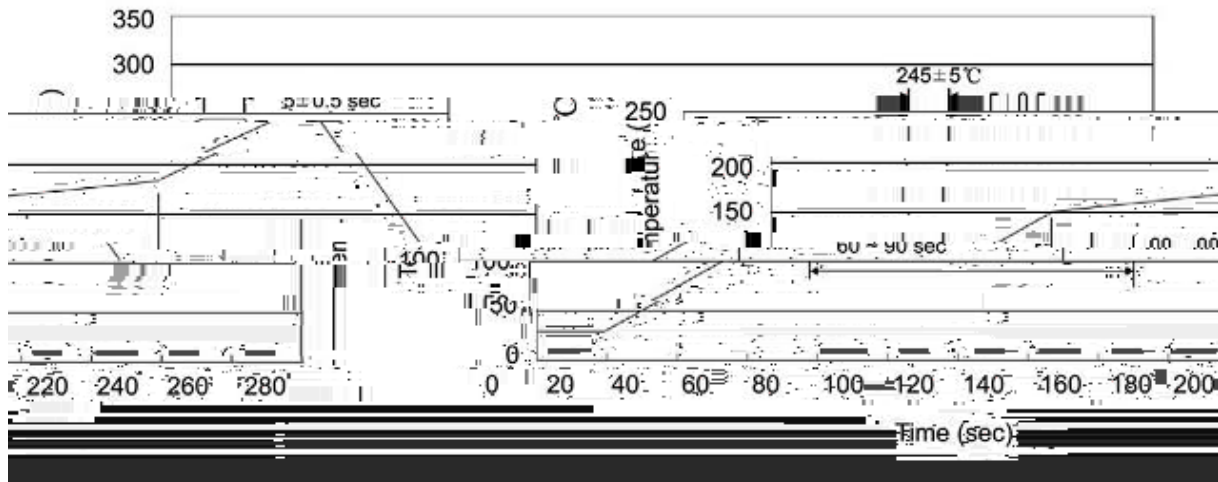
Rev.E May.-2019



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6



a ç y

- 10• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;
- 20• Q > “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;
- 30•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

- 1.Preheating:150~180 - , Time:60~90sec.
- 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
- 3.