

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.

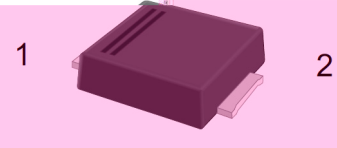
Đ ÷ / Applications

%² " (
General purpose.

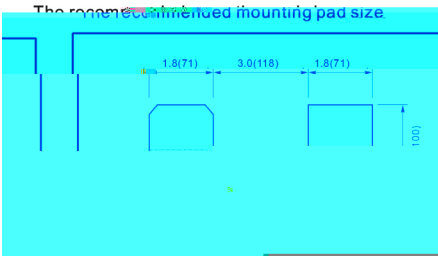
Ã W] Ô . / Equivalent Circuit



• Ô - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



, M V / Marking

• - ~ a ¢ o ž See Marking Instructions

ES1ABF~ES1JBF

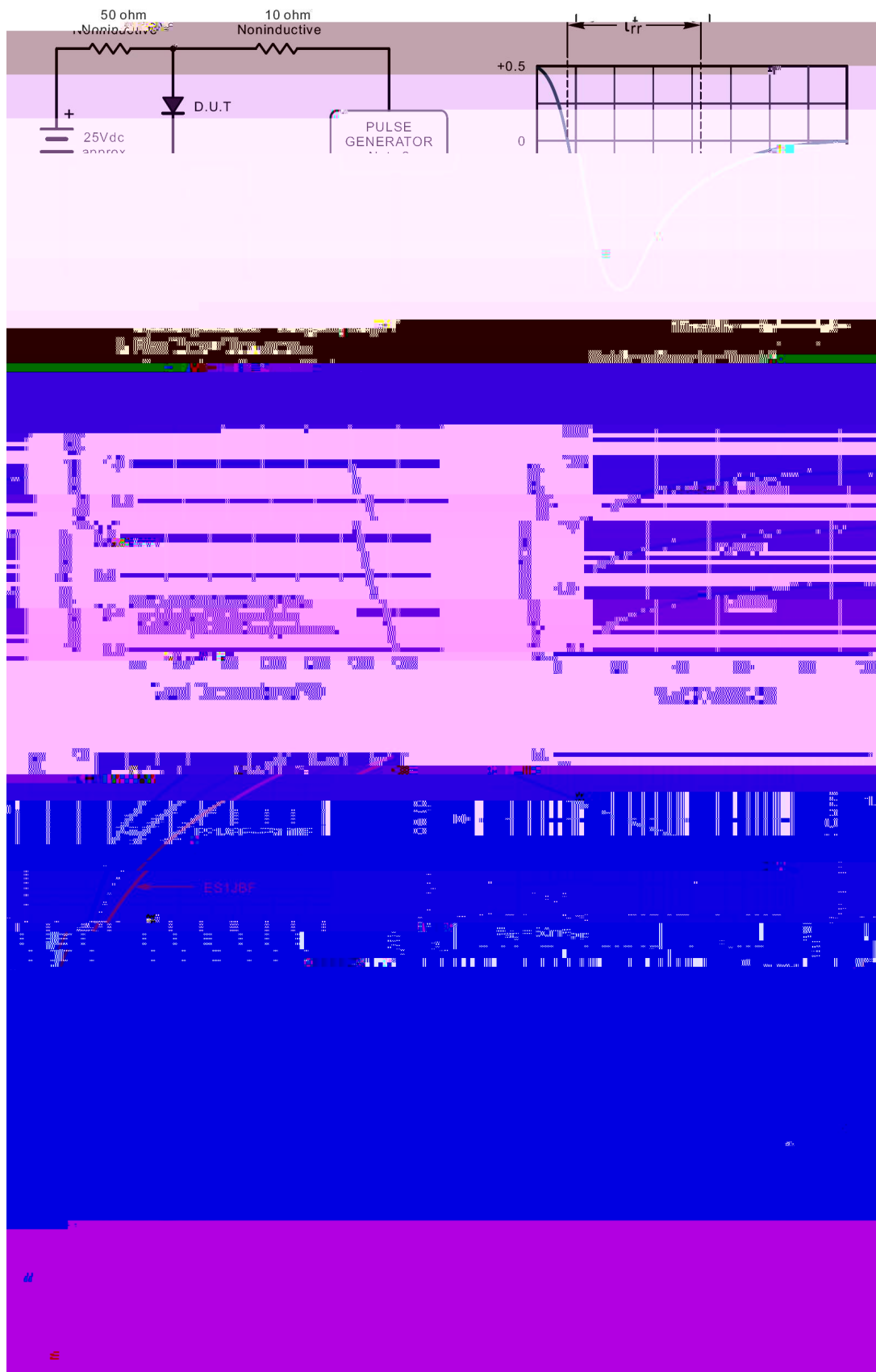
Rev.E May.-2019



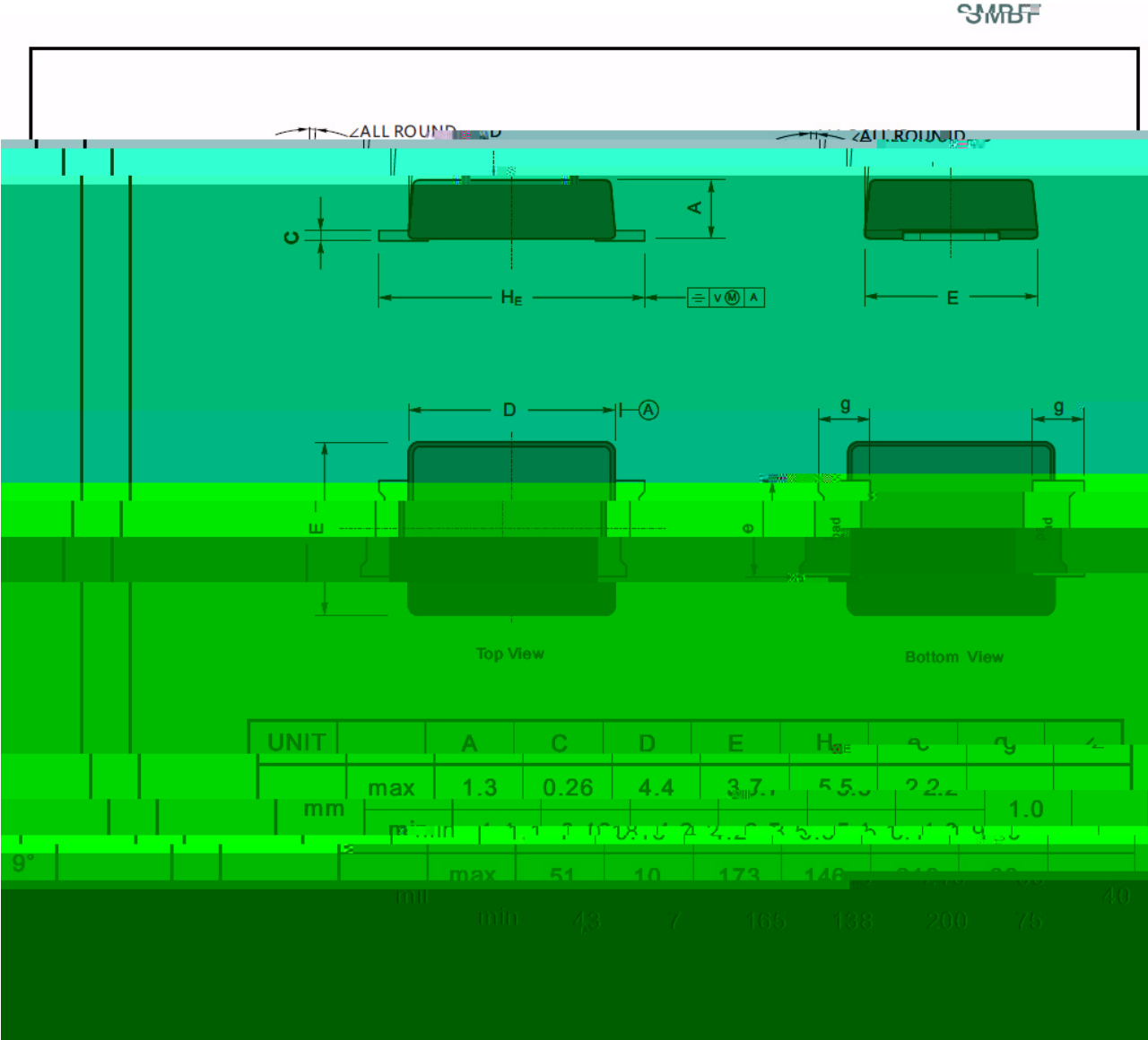
DATA SHEET

@ 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 A V A}	1.0							A

Electrical Characteristic Curve



Ø □ =) ⌀ / Package Dimensions

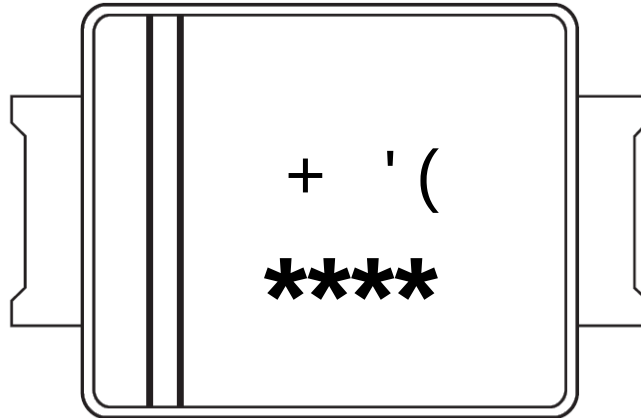


, My f / Marking Instructions

Marking

Type number	Marking code
ES1ABF	E1AB
ES1BBF	E1BB
ES1CBF	E1CB
ES1DBF	E1DB
ES1EBF	E1EB
ES1GBF	E1GB
ES1JBF	E1JB

Marking Instructions



Marking

ES1ABF ~ ES1JBF Product Type Code

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

Note:

ES1ABF ~ ES1JBF Product Type Code

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ES1ABF~ES1JBF

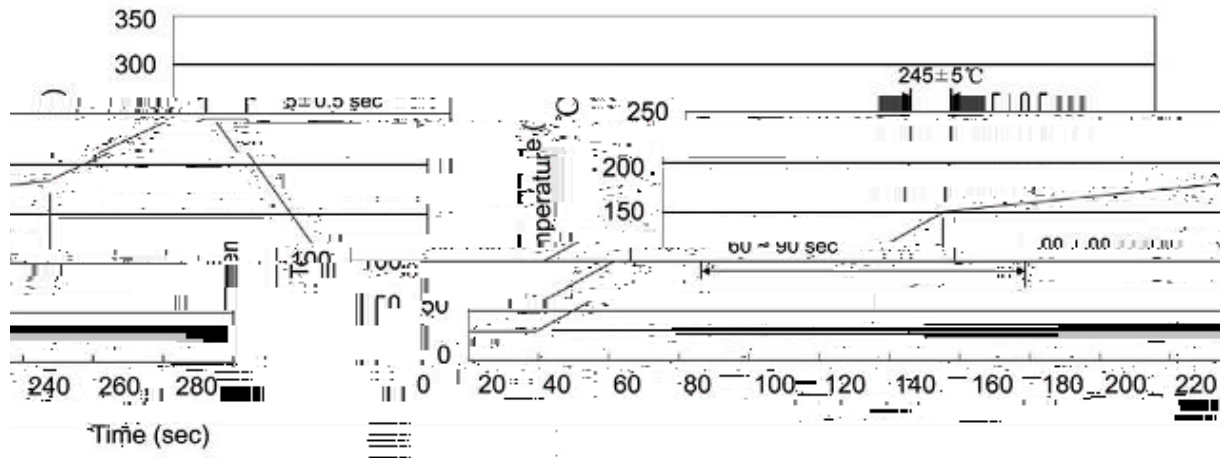
Rev.E May.-2019



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

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



^ačy

- 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.