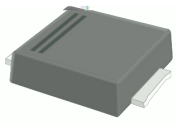
50V~600V 5.0A SMBF

RoHS 2011/65/EU

0

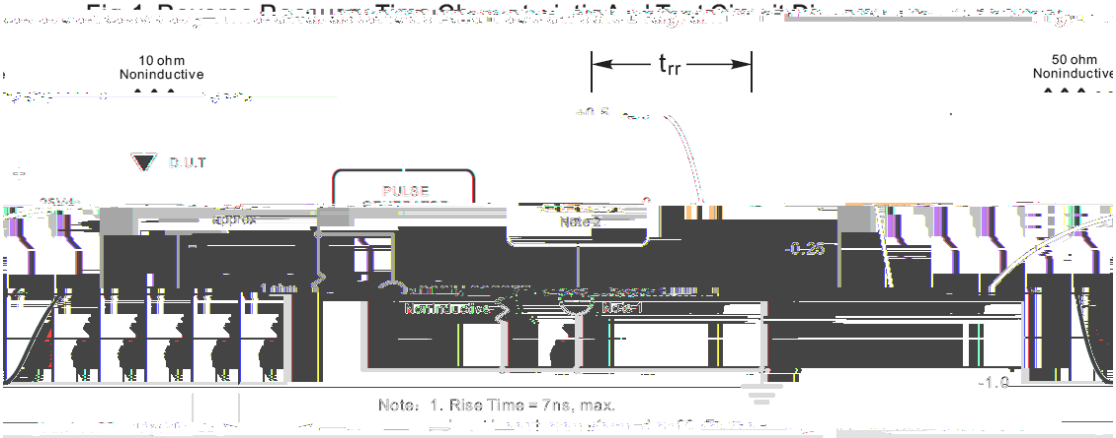
.

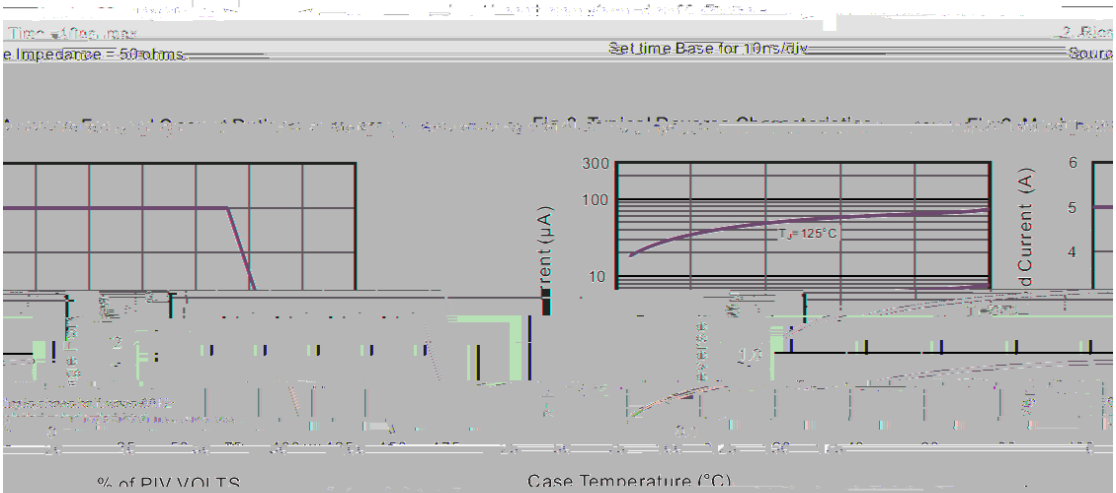


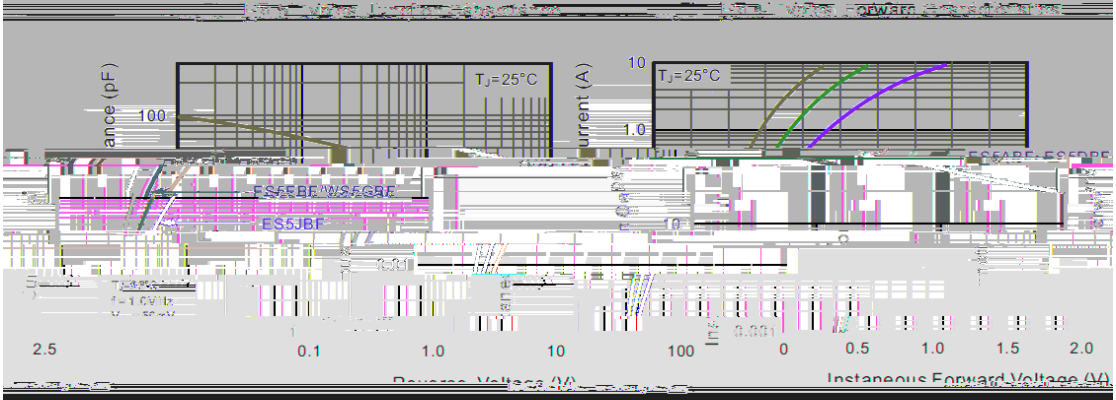
1  2

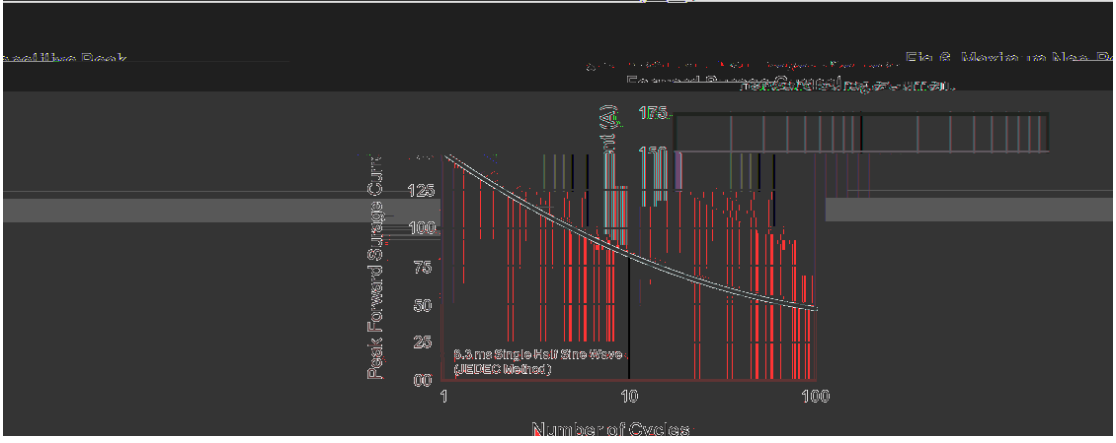
PIN	DESCRIPTION
1	Cathode
2	Anode



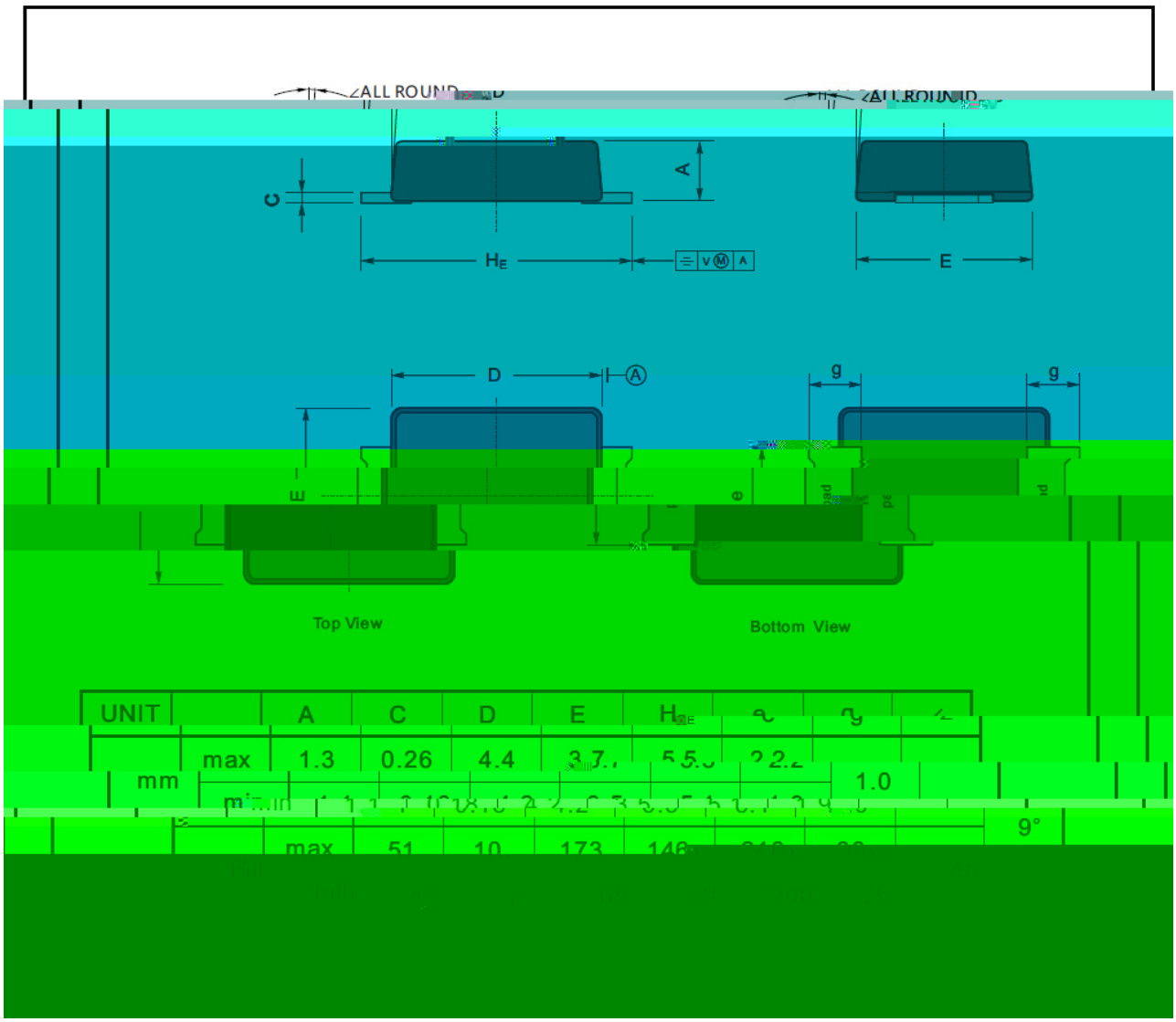

10 ohm
Noninductive
t_{rr}
50 ohm
Noninductive
D.U.T
PULSE
Note 2
Note 1
Note: 1. Rise Time = 7ns, max.


Set time Base for 10ns/div
300
100
10
T_J=125°C
6
5
4
% of PIV VOLTS
Case Temperature (°C)


T_J=25°C
100
10
1.0
ES5FBF/WS5GBF
ES5JBF
2.5
0.1
1.0
10
100
0
0.5
1.0
1.5
2.0
Instaneous Forward Voltage (V)


175
150
125
100
75
50
25
00
Peak Forward Surge Curr
6.3 ms Single Half Sine Wave
(JEDEC Method)
1
10
100
Number of Cycles

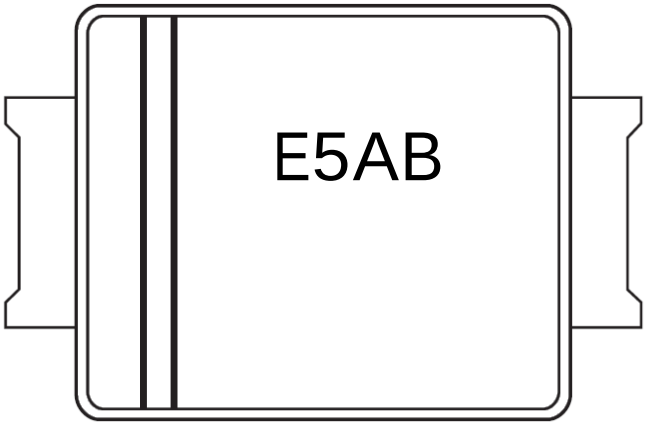
SMBF



UNIT		A	C	D	E	H_E	g	
mm	max	1.3	0.26	4.4	3.7	5.5	2.2	1.0
	min							
	max	51	10	173	146			9°

Marking

Type number	Marking code
E5BB	ES5BBF
E5CB	ES5CBF
[illegible]	[illegible]
[illegible]B	ES5EBF
[illegible]B	ES5GBF
[illegible]B	ES5JBF



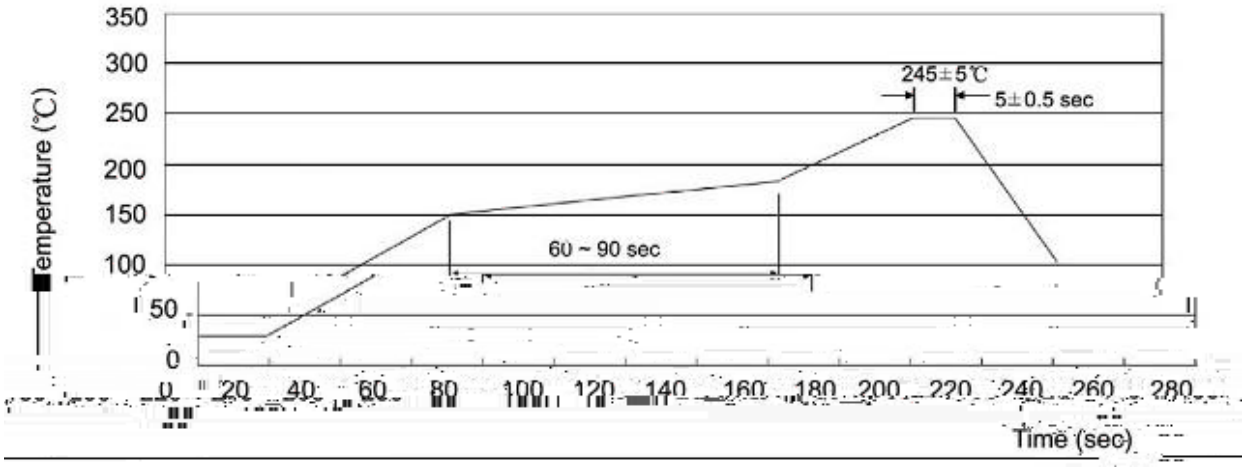
E5AB

1 * 3 *

E5AB

* *

Temperature Profile for IR Reflow Soldering(Pb-Free)



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