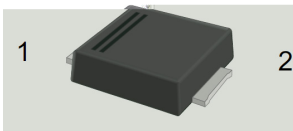


50V ~ 600V

5.0A SMBF

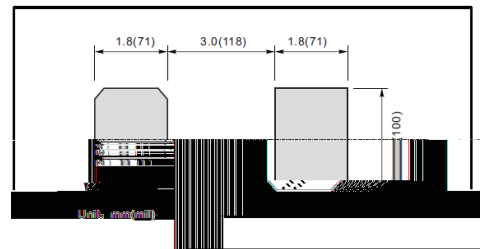
RoHS 2011/65/EU

O



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size





	$\theta$								°C
	$\theta$								
									°C




Fig.1 Reverse Recovery Time Characteristic And Test Circuit Diagram

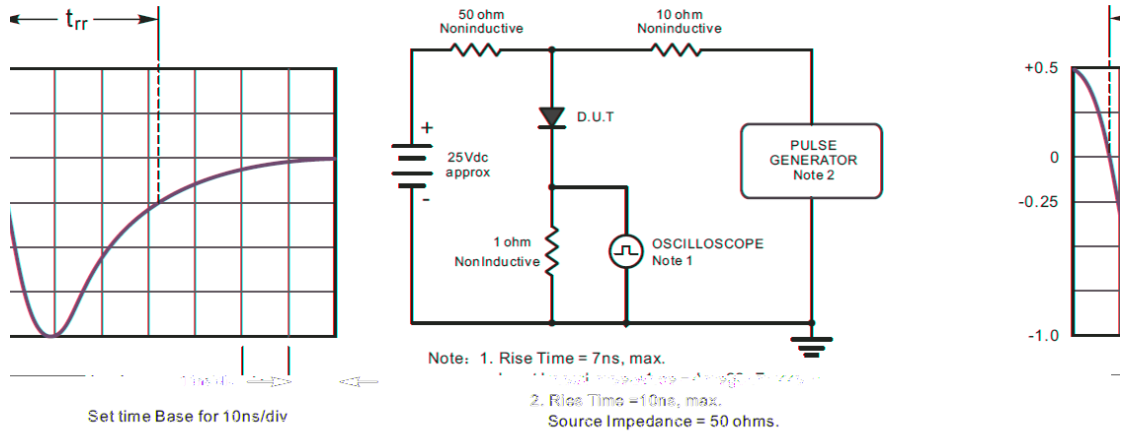


Fig.3 Typical Reverse Characteristics

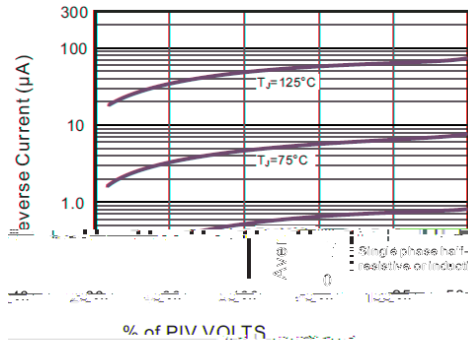


Fig.2 Maximum Average Forward Current Rating

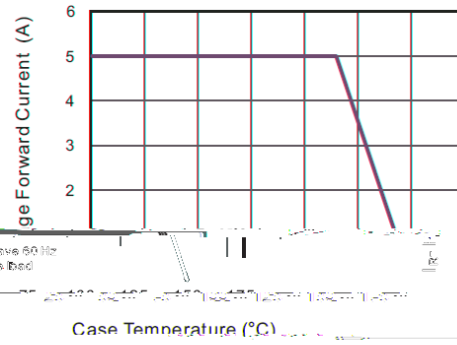


Fig.5 Typical Junction Capacitance

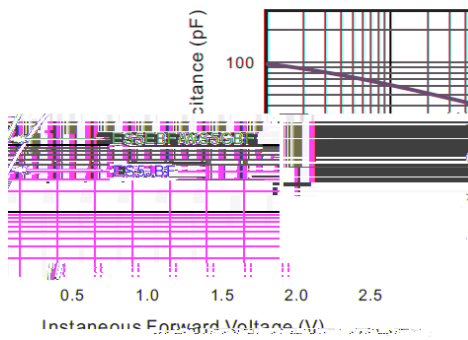


Fig.4 Typical Forward Characteristics

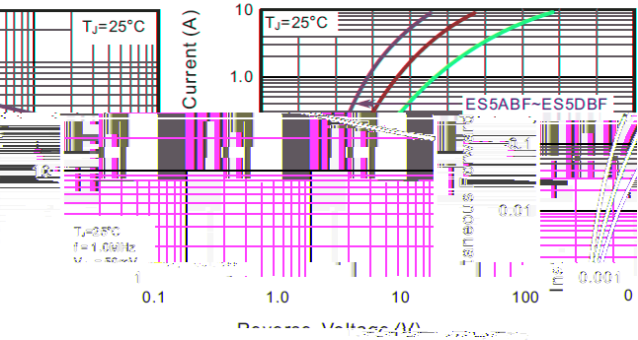
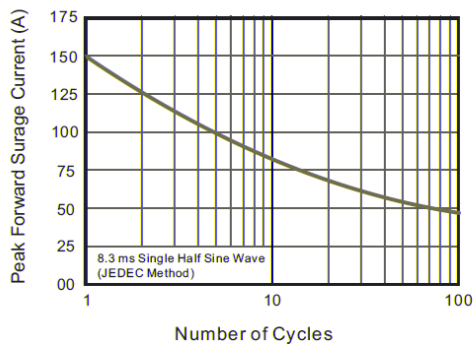
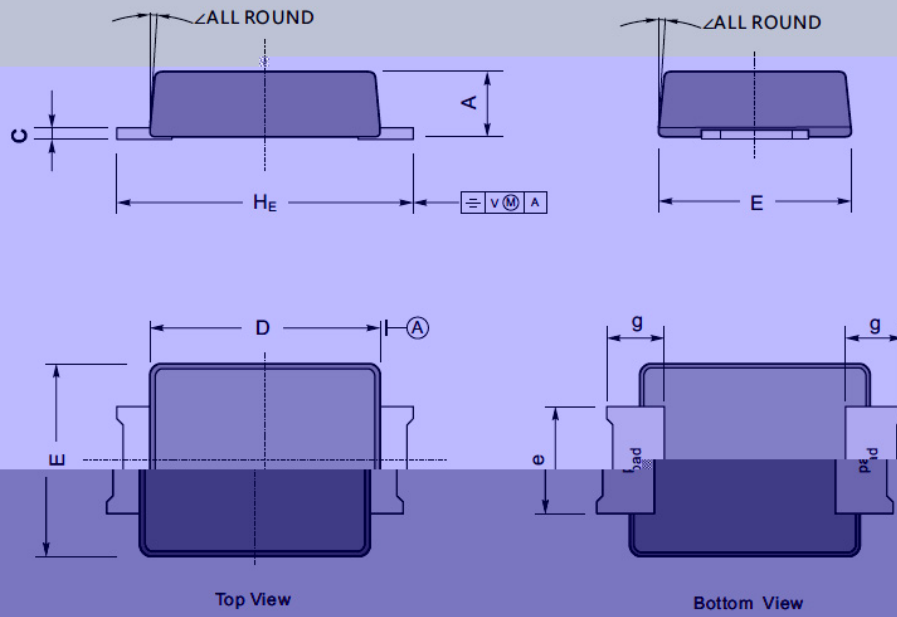


Fig.6 Maximum Non-Repetitive Peak Forward Surge Current



SMDR

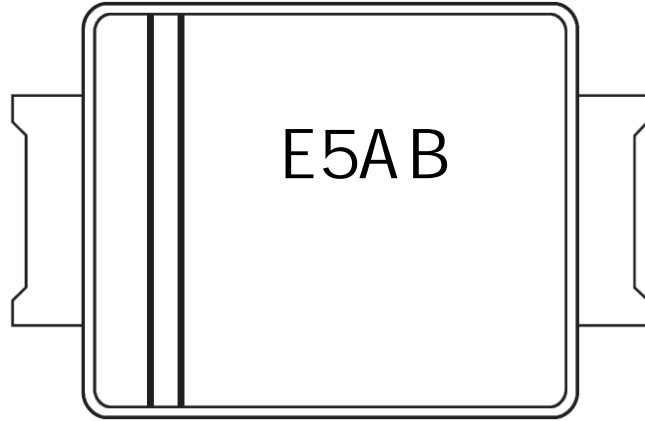


UNIT		A	C	D	E	H <sub>E</sub>	e	g	∠
	max	1.3	0.26	4.4	3.7	5.5	2.2		
mm	min	1.1	0.18	4.2	3.5	5.1	1.9	1.0	9°
mil	max	51	10	173	146	216	86	40	
	min	43	7	165	138	200	75		

# Marking

Type number	Marking code
ES5ABF	E5AB
ES5BBF	E5BB
ES5CBF	E5CB





E5AB

1 \*

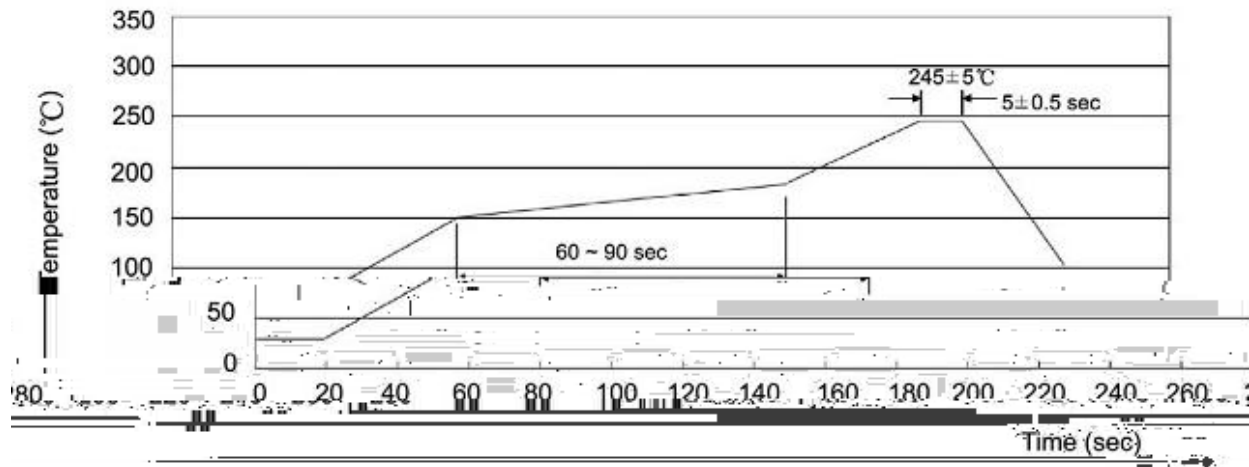
3 \*

E5AB

\*

\*

### Temperature Profile for IR Reflow Soldering(Pb-Free)



±

±

±

±