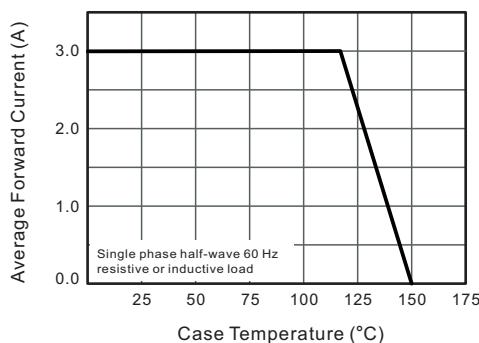
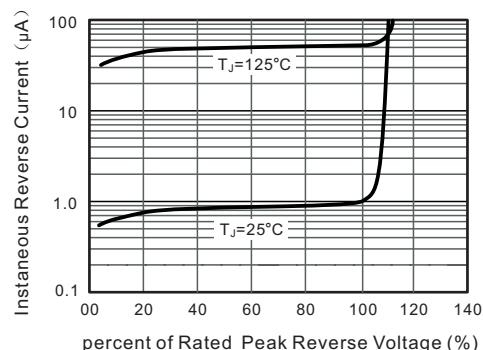




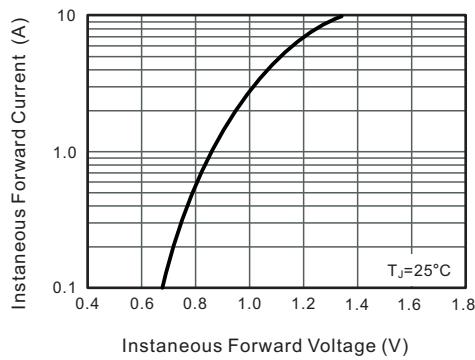
**Fig.1 Forward Current Derating Curve**



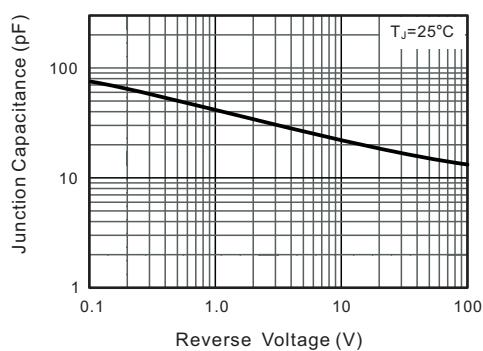
**Fig.2 Typical Reverse Characteristics**



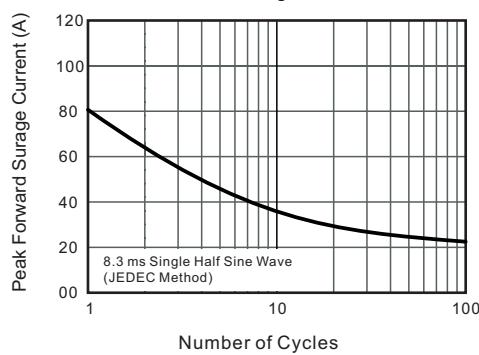
**Fig.3 Typical Forward Characteristic**



**Fig.4 Typical Junction Capacitance**

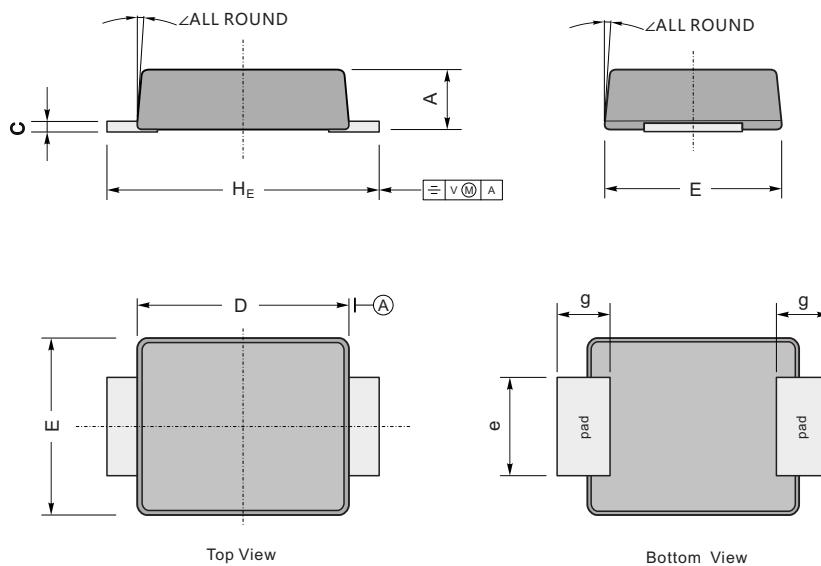


**Fig.6 Maximum Non-Repetitive Peak Forward Surge Current**



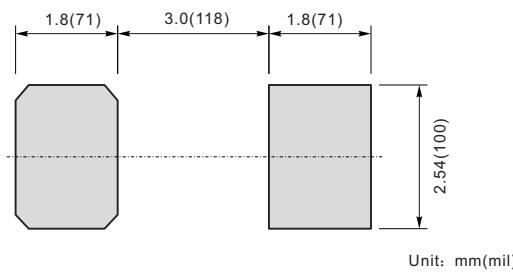
## PACKAGE OUTLINE

Plastic surface mounted package; 2 leads



UNIT		A	C	D	E	$H_E$	e	g	$\angle$
mm	max	1.3	0.26	4.4	3.7	5.5	2.2	1.0	$9^\circ$
	min	1.1	0.18	4.2	3.5	5.1	1.9		
mil	max	51	10	173	146	216	86	40	$9^\circ$
	min	43	7	165	138	200	75		

### The recommended mounting pad size



### Marking

Type number	Marking code
S3ABF	S3AB
S3BBF	S3BB
S3DBF	S3DB
S3GBF	S3GB
S3JBF	S3JB
S3KBF	S3KB
S3MBF	S3MB