

/ Descriptions

50V~600V

3.0A SMB

/ Features

2011/65/EU

RoHS

C

0

/ Applications

/ Equivalent Circuit

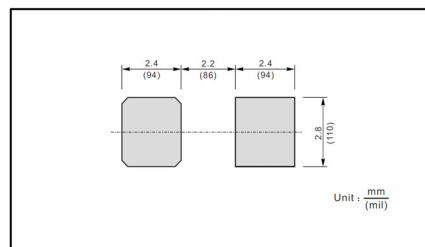


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



/ Marking

/ Absolute Maximum Ratings(Ta=25)

	θ								
	θ								

/ Electrical Characteristics(Ta=25)

									μ
									μ

/ Electrical Characteristic Curve

Fig.1 Reverse Recovery Time Characteristic And Test Circuit Diagram

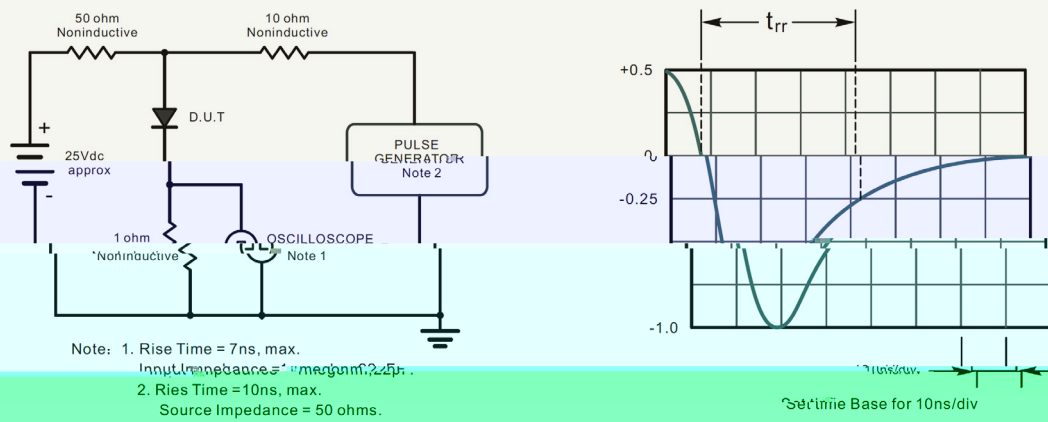


Fig.2 Maximum Average Forward Current Rating

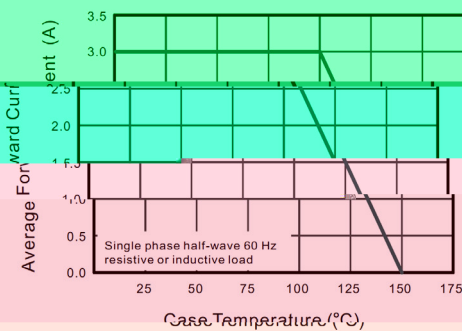


Fig.3 Typical Reverse Characteristics

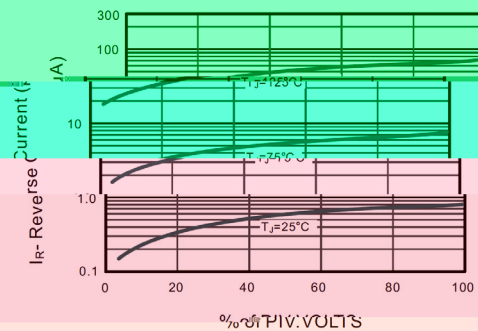


Fig.4 Typical Forward Characteristics

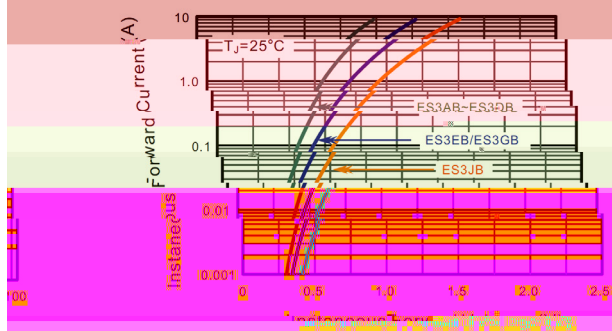
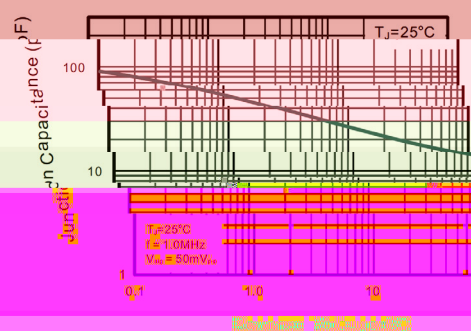
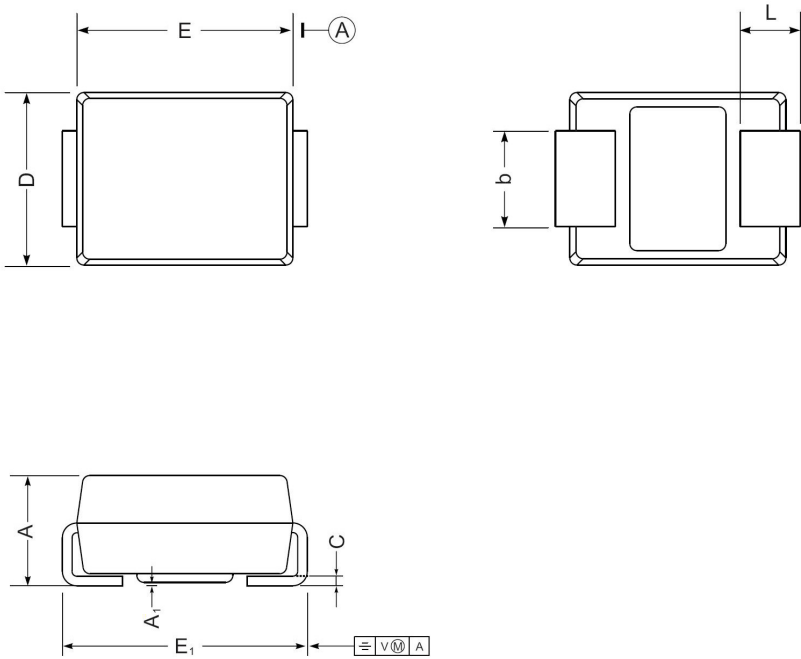


Fig.5 Typical Junction Capacitance



/ Package Dimensions

SMB



SMB mechanical data

UNIT		A	E	D	E ₁	A ₁	L	C	b
mm	max	2.44	4.70	3.94	5.59	0.20	1.50	0.305	2.2
	min	2.13	4.06	3.3	5.08	0.05	0.8	0.152	1.9
mil	max	96	185	155	220	7.9	59	12	87
	min	84	160	130	200	2.0	32	6	75

Marking

Type number	Marking code
ES3AB	ES3A
ES3BB	ES3B
ES3CB	ES3C
ES3DB	ES3D
ES3EB	ES3E
ES3FB	ES3F
ES3GB	ES3G

/ Marking Instructions



ES3A			
****	1 *	3 *	
ES3A			
****	*	*	

ES3AB~ES3JB