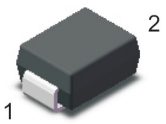


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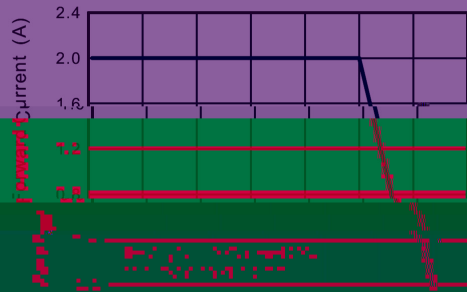




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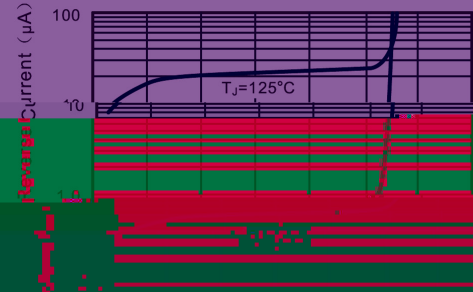
Fig.1 Forward Current Derating Curve



0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

Fig.2 Reverse Current vs. Temperature Characteristics



0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

Fig.3 Typical Forward Voltage Characteristics



0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

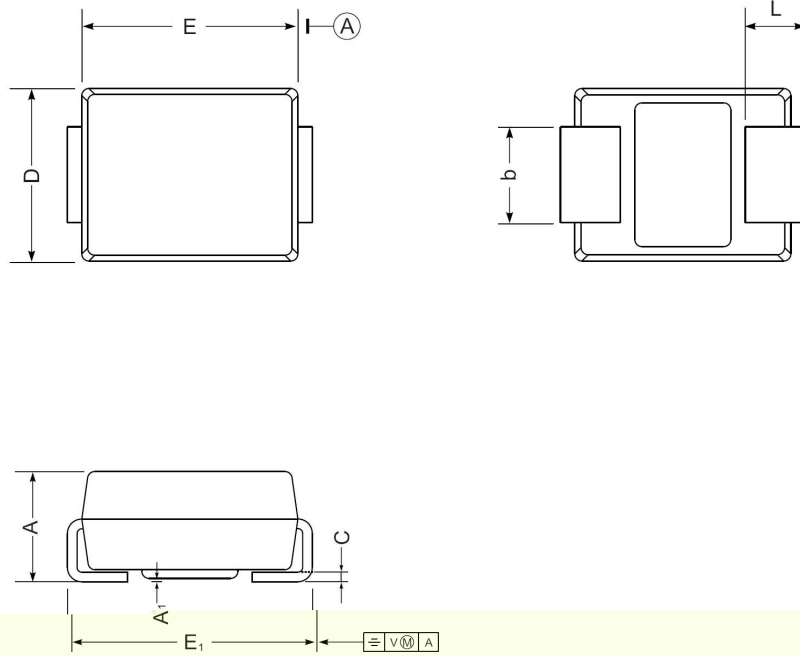
Fig.4 Typical Reverse Leakage Current Characteristics



0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

0.0 0.5 1.0 1.5 2.0 2.5
-55 0 50 100 150 200
Temperature (°C)

SMB

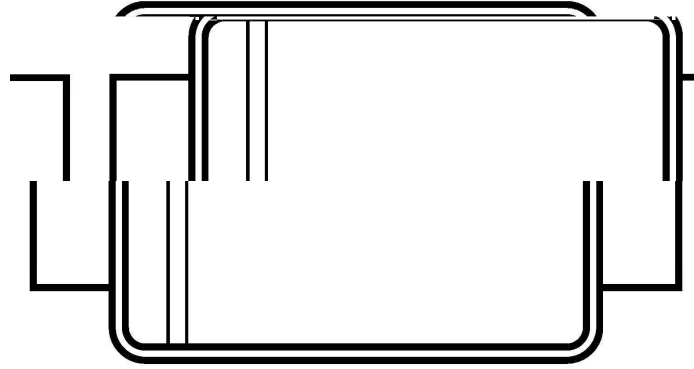


SMB mechanical data

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	2.27
	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
US2AB	US2A
US2BB	US2B
US2DB	US2D
US2GB	US2G
US2JB	US2J
US2KB	US2K
US2MB	US2M



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Temperature Profile for IR Reflow Soldering(Pb-Free)

