

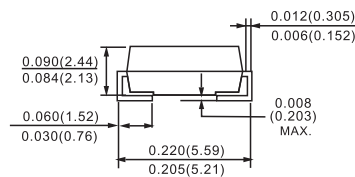
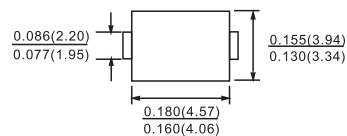
FEATURES :

- * Complete Voltage Range 3.3 to 28 Volts
- * High peak reverse power dissipation
- * High reliability
- * Low leakage current

MECHANICAL DATA

- * Case : SMB (DO-214AA) Molded plastic
- * Epoxy : UL94V-O rate flame retardant
- * Lead : Lead formed for Surface mount
- * Polarity : Color band denotes cathode end
- * Mounting position : Any
- * Weight : 0.093 gram

DO-214AA(SMB)



Dimensions in inches and (millimeters)

MAXIMUM RATINGS

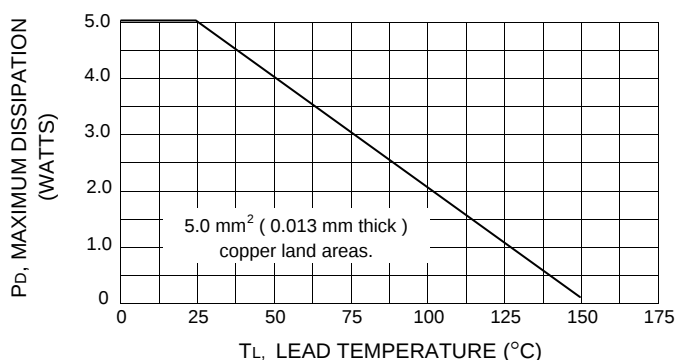
Rating at 25 °C ambient temperature unless otherwise specified

Rating	Symbol	Value	Unit
DC Power Dissipation at $T_L = 75\text{ }^{\circ}\text{C}$ (Note1)	P_D	5.0	W
Maximum Forward Voltage at $I_F = 200\text{ mA}$	V_F	1.2	V
Junction Temperature Range	T_J	- 55 to + 150	$^{\circ}\text{C}$
Storage Temperature Range	T_S	- 55 to + 150	$^{\circ}\text{C}$

Note :

(1) T_L = Lead temperature at 5.0 mm^2 (0.013 mm thick) copper land areas

Fig. 1 POWER TEMPERATURE DERATING CURVE





TYPE 型号	Zener voltage 齐纳电压		Dynamic resistance 动态阻抗			Maximum reverse current 最大反向电流 T _A =25℃		Maximum regulator current 最大稳压电流	Power dissipation 耗散功率	Package 封装形式
	V _Z @I _{ZT}	I _{ZT}	Z _{VT} @I _{ZT}	Z _{ZK} @I _{ZK}	I _{ZK}	I _R @V _R		I _{ZM}	P _d	
	V	mA	Ω	Ω	mA	μA	V	mA	mW	
SMBJ5333A	3.3	380	3	400	1	300	1	1440	5000	SMB
SMBJ5334A	3.6	350	2.5	500	1	150	1	1320	5000	SMB
SMBJ5335A	3.9	320	2	500	1	50	1	1220	5000	SMB
SMBJ5336A	4.3	290	2	500	1	10	1	1100	5000	SMB
SMBJ5337A	4.7	260	2	450	1	5	1	1010	5000	SMB
SMBJ5338A	5.1	240	1.5	400	1	1	1	930	5000	SMB
SMBJ5339A	5.6	220	1	400	1	1	2	856	5000	SMB
SMBJ5340A	6	200	1	300	1	1	3	790	5000	SMB
SMBJ5341A	6.2	200	1	200	1	1	4	765	5000	SMB
SMBJ5342A	6.8	175	1	200	1	10	4.9	700	5000	SMB
SMBJ5343A	7.5	175	1.5	200	1	10	5.4	630	5000	SMB
SMBJ5344A	8.2	150	1.5	200	1	10	5.9	580	5000	SMB
SMBJ5345A	8.7	150	2	200	1	10	6.3	545	5000	SMB
SMBJ5346A	9.1	150	2	150	1	7.5	6.6	520	5000	SMB
SMBJ5347A	10	125	2	125	1	5	7.2	475	5000	SMB
SMBJ5348A	11	125	2.5	125	1	5	8	430	5000	SMB
SMBJ5349A	12	100	2.5	125	1	2	8.6	395	5000	SMB
SMBJ5350A	13	100	2.5	100	1	1	9.4	365	5000	SMB
SMBJ5351A	14	100	2.5	75	1	1	10.1	340	5000	SMB
SMBJ5352A	15	75	2.5	75	1	1	10.8	315	5000	SMB
SMBJ5353A	16	75	2.5	75	1	1	11.5	295	5000	SMB
SMBJ5354A	17	70	2.5	75	1	0.5	12.2	280	5000	SMB
SMBJ5355A	18	65	2.5	75	1	0.5	13	265	5000	SMB
SMBJ5356A	19	65	3	75	1	0.5	13.7	250	5000	SMB
SMBJ5357A	20	65	3	75	1	0.5	14.4	237	5000	SMB
SMBJ5358A	22	50	3.5	75	1	0.5	15.8	216	5000	SMB
SMBJ5359A	24	50	3.5	100	1	0.5	17.3	198	5000	SMB
SMBJ5360A	25	50	4	110	1	0.5	18	190	5000	SMB
SMBJ5361A	27	50	5	120	1	0.5	19.4	176	5000	SMB
SMBJ5362A	28	50	6	130	1	0.5	20.1	170	5000	SMB