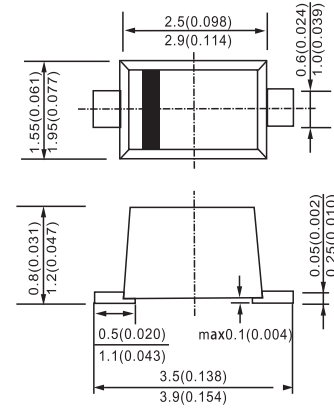


FEATURES

- Repetitive peak reverse voltage: V_{RRM}
- Average forward current: I_F (AV)
- Forward voltage: V_{FM}
- Very fast reverse-recovery time: $t_{rr} = 100$ ns (max.)
- Suitable for compact assembly due to small surface-mount
Package "M-FLAT™" (Toshiba package name)

SOD-123



Dimensions in millimeters

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Electrical Characteristics (Ta = 25°C)

Type	Zener Voltage V_z (V)			Measurement Current I_z (mA)	Zener Impedance r_d (Ω)		Temperature Coefficient Of Zener α_T (mV/°C)		Forward Voltage V_F (V)		Reverse Current I_R (μ A)	
	Min	Typ.	Max		Max	Measurement Current I_z (mA)	Typ.	Max	Max	Measurement Current I_F (A)	Max	Measurement Voltage V_R (V)
CMZ12	10.8	12	13.2	10	30	10	8	13	1.2	0.2	10	8
CMZ13	11.7	13	14.3	10	30	10	9	14	1.2	0.2	10	9
CMZ15	13.5	15	16.5	10	30	10	11	17	1.2	0.2	10	10
CMZ16	14.4	16	17.6	10	30	10	12	19	1.2	0.2	10	11
CMZ18	16.2	18	19.8	10	30	10	14	23	1.2	0.2	10	13
CMZ20	18.0	20	22.0	10	30	10	16	26	1.2	0.2	10	14
CMZ22	19.8	22	24.2	10	30	10	18	28	1.2	0.2	10	16
CMZ24	21.6	24	26.4	10	30	10	20	32	1.2	0.2	10	17
CMZ27	24.3	27	29.7	10	30	10	23	36	1.2	0.2	10	19
CMZ30	27.0	30	33.0	10	30	10	25	40	1.2	0.2	10	21
CMZ33	29.7	33	36.3	10	30	10	26	41	1.2	0.2	10	26.4
CMZ36	32.4	36	39.6	9	30	9	28	45	1.2	0.2	10	28.8
CMZ39	35.1	39	42.9	8	35	8	30	48	1.2	0.2	10	31.2
CMZ43	38.7	43	47.3	7	40	7	33	53	1.2	0.2	10	34.4
CMZ47	42.3	47	51.7	6	65	6	38	60	1.2	0.2	10	37.6
CMZ51	45.9	51	56.1	6	65	6	43	68	1.2	0.2	10	40.8
CMZ53	47.7	53	58.3	5	85	5	49	77	1.2	0.2	10	42.4

RATINGS AND CHARACTERISTIC CURVES CMZ12 THRU CMZ53

