

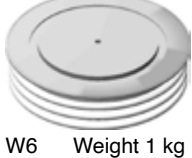





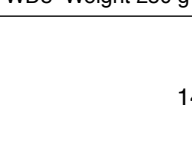


Soft Recovery Diodes

Capsule Types

Part No.	V_{RRM} V	I_{FAV} $T_K =$ 55°C A	I_{FSM} A	I^2t 10 ms ½ sine $V_R - \leq 60\% V_{RRM}$ A ² s	Typ. Reverse Recovery				V_{TO} @ T_{JM} V		r_T mΩ	T_{JM} °C	R_{thJK} d.c. 180° sine K/W	Fig. No.	Package style Outlines on pages O-01...O-35
					t_{rr} μs	Q_{rr} μC	@ I_{FM} A	@ $-di_F/dt$ A/μs	@ T_{JM} V						
M1022LC120	1200	1022	14000	980×10^3	3.00	375	1000	60	1.240	0.330	125	0.0330	W4		
M1022LC160	1600	1022	14000	980×10^3	3.00	375	1000	60	1.240	0.330	125	0.0330	W4		
M1022LC200	2000	1022	14000	980×10^3	3.00	375	1000	60	1.240	0.330	125	0.0330	W4		
M1080LC100	1000	1080	13500	910×10^3	1.90	85	1000	60	1.125	0.314	125	0.0330	W4		
M1080LC120	1200	1080	13500	910×10^3	1.90	85	1000	60	1.125	0.314	125	0.0330	W4		
M1102NC500	5000	1102	13000	845×10^3	5.50	3300	1000	200	1.360	0.557	125	0.0220	W5	W4 Weight 340 g	
M1102NC600	6000	1102	13000	845×10^3	5.50	3300	1000	200	1.360	0.557	125	0.0220	W5		
M1102ND500	5000	1102	13000	845×10^3	5.50	3300	1000	200	1.360	0.557	125	0.0220	W37		
M1102ND600	6000	1102	13000	845×10^3	5.50	3300	1000	200	1.360	0.557	125	0.0220	W37		
M1104NC400	4000	1104	13000	845×10^3	6.00	2100	1000	60	1.370	0.553	125	0.0220	W5	W5 Weight 510 g	
M1104NC450	4500	1104	13000	845×10^3	6.00	2100	1000	60	1.370	0.553	125	0.0220	W5		
M1104ND400	4000	1104	13000	845×10^3	6.00	2100	1000	60	1.370	0.553	125	0.0220	W37		
M1104ND450	4500	1104	13000	845×10^3	6.00	2100	1000	60	1.370	0.553	125	0.0220	W37		
M1242NC260	2600	1242	16400	1.34×10^6	6.00	1500	1000	60	1.270	0.420	125	0.0220	W5	W6 Weight 1 kg	
M1242NC360	3600	1242	16400	1.34×10^6	6.00	1500	1000	60	1.270	0.420	125	0.0220	W5		
M1242ND260	2600	1242	16400	1.34×10^6	6.00	1500	1000	60	1.270	0.420	125	0.0220	W37		
M1242ND360	3600	1242	16400	1.34×10^6	6.00	1500	1000	60	1.270	0.420	125	0.0220	W37		
M1494NC160	1600	1494	19600	1.92×10^6	3.90	815	1000	60	1.150	0.265	125	0.0220	W5	W7 Weight 1.7 kg	
M1494NC250	2500	1494	19600	1.92×10^6	3.90	815	1000	60	1.150	0.265	125	0.0220	W5		
M1494ND160	1600	1494	19600	1.92×10^6	3.90	815	1000	60	1.150	0.265	125	0.0220	W37		
M1494ND250	2500	1494	19600	1.92×10^6	3.90	815	1000	60	1.150	0.265	125	0.0220	W37		
M1494NK160	1600	1975	19600	1.92×10^6	3.90	815	1000	60	1.150	0.265	125	0.0145	WD8		
M1494NK250	2500	1975	19600	1.92×10^6	3.90	815	1000	60	1.150	0.265	125	0.0145	WD8		
M1565VC400	4000	1565	19700	1.94×10^6	5.00	4000	1000	200	1.090	0.360	125	0.0180	W6	W37 Weight 510 g	
M1565VC450	4500	1565	19700	1.94×10^6	5.00	4000	1000	200	1.090	0.360	125	0.0180	W6		
M1565VF400	4000	1565	19700	1.94×10^6	5.00	4000	1000	200	1.090	0.360	125	0.0180	W43		
M1565VF450	4500	1565	19700	1.94×10^6	5.00	4000	1000	200	1.090	0.360	125	0.0180	W43		
M1858NC120	1200	1858	25000	3.25×10^6	2.50	120	1000	60	1.127	0.127	125	0.0220	W5	W42 Weight 1.2 kg	
M1858NC160	1600	1858	25000	3.25×10^6	2.50	120	1000	60	1.127	0.127	125	0.0220	W5		
M1858ND120	1200	1858	25000	3.25×10^6	2.50	120	1000	60	1.127	0.127	125	0.0220	W37		
M1858ND160	1600	1858	25000	3.25×10^6	2.50	120	1000	60	1.127	0.127	125	0.0220	W37		
M2322ZC300	3000	2322	23000	2.64×10^6	6.50	3200	1000	150	1.670	0.186	125	0.0110	W7	W43 Weight 800 g	
M2322ZC400	4000	2322	23000	2.64×10^6	6.50	3200	1000	150	1.670	0.186	125	0.0110	W7		
M2322ZD300	3000	2322	23000	2.64×10^6	6.50	3200	1000	150	1.670	0.186	125	0.0110	W42		
M2322ZD400	4000	2322	23000	2.64×10^6	6.50	3200	1000	150	1.670	0.186	125	0.0110	W42		
M2413VC200	2000	2413	32000	5.12×10^6	5.00	2500	1000	200	1.090	0.121	125	0.0160	W6	W89 Weight 1.3 kg	
M2413VC250	2500	2413	32000	5.12×10^6	5.00	2500	1000	200	1.090	0.121	125	0.0160	W6		
M2413VF200	2000	2413	32000	5.12×10^6	5.00	2500	1000	200	1.090	0.121	125	0.0160	W43		
M2413VF250	2500	2413	32000	5.12×10^6	5.00	2500	1000	200	1.090	0.121	125	0.0160	W43		
M3560TJ420	4200	3560	36000	6.48×10^6	7.00	4100	1000	150	1.253	0.137	125	0.0080	W89		
M3560TJ450	4500	3560	36000	6.48×10^6	7.00	4100	1000	150	1.253	0.137	125	0.0080	W89		
M4305TJ240	2400	4305	49000	12.0×10^6	5.00	2500	1000	150	1.104	0.087	125	0.0080	W89	WD8 Weight 250 g	
M4305TJ280	2800	4305	49000	12.0×10^6	5.00	2500	1000	150	1.104	0.087	125	0.0080	W89		