




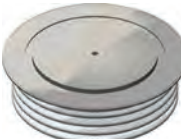




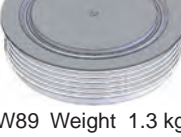


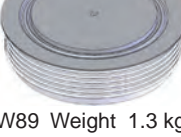




# Soft Recovery Diodes

## Capsule Types

Part No.	V <sub>RRM</sub> V	I <sub>FAV</sub> T <sub>K</sub> = 55°C A	I <sub>FSM</sub> A	I <sup>2</sup> t 10 ms ½ sine V <sub>R</sub> ≤ 60% V <sub>RRM</sub> A <sup>2</sup> s	Typ. Reverse Recovery				V <sub>T0</sub> V	r <sub>T</sub> mΩ	T <sub>JM</sub> °C	R <sub>thJK</sub> d.c. 180° sine K/W	Fig. No.	Package style Outlines on pages O-01...O-35
					t <sub>rr</sub> μs	Q <sub>rr</sub> μC	@I <sub>FM</sub> A	@ -di <sub>F</sub> / dt A/μs						
M1022LC120	1200	1022	14000	980 x 10 <sup>3</sup>	3.00	375	1000	60	1.240	0.330	125	0.0330	W4	
M1022LC160	1600	1022	14000	980 x 10 <sup>3</sup>	3.00	375	1000	60	1.240	0.330	125	0.0330	W4	
M1022LC200	2000	1022	14000	980 x 10 <sup>3</sup>	3.00	375	1000	60	1.240	0.330	125	0.0330	W4	
M1080LC100	1000	1080	13500	910 x 10 <sup>3</sup>	1.90	85	1000	60	1.125	0.314	125	0.0330	W4	
M1080LC120	1200	1080	13500	910 x 10 <sup>3</sup>	1.90	85	1000	60	1.125	0.314	125	0.0330	W4	
M1102NC500	5000	1102	13000	845 x 10 <sup>3</sup>	5.50	3300	1000	200	1.360	0.557	125	0.0220	W5	W4 Weight 340 g
M1102NC600	6000	1102	13000	845 x 10 <sup>3</sup>	5.50	3300	1000	200	1.360	0.557	125	0.0220	W5	
M1102ND500	5000	1102	13000	845 x 10 <sup>3</sup>	5.50	3300	1000	200	1.360	0.557	125	0.0220	W37	
M1102ND600	6000	1102	13000	845 x 10 <sup>3</sup>	5.50	3300	1000	200	1.360	0.557	125	0.0220	W37	
M1104NC400	4000	1104	13000	845 x 10 <sup>3</sup>	6.00	2100	1000	60	1.370	0.553	125	0.0220	W5	
M1104NC450	4500	1104	13000	845 x 10 <sup>3</sup>	6.00	2100	1000	60	1.370	0.553	125	0.0220	W5	W5 Weight 510 g
M1104ND400	4000	1104	13000	845 x 10 <sup>3</sup>	6.00	2100	1000	60	1.370	0.553	125	0.0220	W37	
M1104ND450	4500	1104	13000	845 x 10 <sup>3</sup>	6.00	2100	1000	60	1.370	0.553	125	0.0220	W37	
M1242NC260	2600	1242	16400	1.34 x 10 <sup>6</sup>	6.00	1500	1000	60	1.270	0.420	125	0.0220	W5	
M1242NC360	3600	1242	16400	1.34 x 10 <sup>6</sup>	6.00	1500	1000	60	1.270	0.420	125	0.0220	W5	
M1242ND260	2600	1242	16400	1.34 x 10 <sup>6</sup>	6.00	1500	1000	60	1.270	0.420	125	0.0220	W37	
M1242ND360	3600	1242	16400	1.34 x 10 <sup>6</sup>	6.00	1500	1000	60	1.270	0.420	125	0.0220	W37	W6 Weight 1 kg
M1494NC160	1600	1494	19600	1.92 x 10 <sup>6</sup>	3.90	815	1000	60	1.150	0.265	125	0.0220	W5	
M1494NC250	2500	1494	19600	1.92 x 10 <sup>6</sup>	3.90	815	1000	60	1.150	0.265	125	0.0220	W5	
M1494ND160	1600	1494	19600	1.92 x 10 <sup>6</sup>	3.90	815	1000	60	1.150	0.265	125	0.0220	W37	W7 Weight 1.7 kg
M1494ND250	2500	1494	19600	1.92 x 10 <sup>6</sup>	3.90	815	1000	60	1.150	0.265	125	0.0220	W37	
M1494NK160	1600	1975	19600	1.92 x 10 <sup>6</sup>	3.90	815	1000	60	1.150	0.265	125	0.0145	WD8	
M1494NK250	2500	1975	19600	1.92 x 10 <sup>6</sup>	3.90	815	1000	60	1.150	0.265	125	0.0145	WD8	
M1565VC400	4000	1565	19700	1.94 x 10 <sup>6</sup>	5.00	4000	1000	200	1.090	0.360	125	0.0180	W6	
M1565VC450	4500	1565	19700	1.94 x 10 <sup>6</sup>	5.00	4000	1000	200	1.090	0.360	125	0.0180	W6	W37 Weight 510 g
M1565VF400	4000	1565	19700	1.94 x 10 <sup>6</sup>	5.00	4000	1000	200	1.090	0.360	125	0.0180	W43	
M1565VF450	4500	1565	19700	1.94 x 10 <sup>6</sup>	5.00	4000	1000	200	1.090	0.360	125	0.0180	W43	
M1858NC120	1200	1858	25000	3.25 x 10 <sup>6</sup>	2.50	120	1000	60	1.127	0.127	125	0.0220	W5	
M1858NC160	1600	1858	25000	3.25 x 10 <sup>6</sup>	2.50	120	1000	60	1.127	0.127	125	0.0220	W5	
M1858ND120	1200	1858	25000	3.25 x 10 <sup>6</sup>	2.50	120	1000	60	1.127	0.127	125	0.0220	W37	W42 Weight 1.2 kg
M1858ND160	1600	1858	25000	3.25 x 10 <sup>6</sup>	2.50	120	1000	60	1.127	0.127	125	0.0220	W37	
M2322ZC300	3000	2322	23000	2.64 x 10 <sup>6</sup>	6.50	3200	1000	150	1.670	0.186	125	0.0110	W7	
M2322ZC400	4000	2322	23000	2.64 x 10 <sup>6</sup>	6.50	3200	1000	150	1.670	0.186	125	0.0110	W7	
M2322ZD300	3000	2322	23000	2.64 x 10 <sup>6</sup>	6.50	3200	1000	150	1.670	0.186	125	0.0110	W42	
M2322ZD400	4000	2322	23000	2.64 x 10 <sup>6</sup>	6.50	3200	1000	150	1.670	0.186	125	0.0110	W42	W43 Weight 800 g
M2413VC200	2000	2413	32000	5.12 x 10 <sup>6</sup>	5.00	2500	1000	200	1.090	0.121	125	0.0160	W6	
M2413VC250	2500	2413	32000	5.12 x 10 <sup>6</sup>	5.00	2500	1000	200	1.090	0.121	125	0.0160	W6	
M2413VF200	2000	2413	32000	5.12 x 10 <sup>6</sup>	5.00	2500	1000	200	1.090	0.121	125	0.0160	W43	W89 Weight 1.3 kg
M2413VF250	2500	2413	32000	5.12 x 10 <sup>6</sup>	5.00	2500	1000	200	1.090	0.121	125	0.0160	W43	
M3560TJ420	4200	3560	36000	6.48 x 10 <sup>6</sup>	7.00	4100	1000	150	1.253	0.137	125	0.0080	W89	
M3560TJ450	4500	3560	36000	6.48 x 10 <sup>6</sup>	7.00	4100	1000	150	1.253	0.137	125	0.0080	W89	
M4305TJ240	2400	4305	49000	12.0 x 10 <sup>6</sup>	5.00	2500	1000	150	1.104	0.087	125	0.0080	W89	
M4305TJ280	2800	4305	49000	12.0 x 10 <sup>6</sup>	5.00	2500	1000	150	1.104	0.087	125	0.0080	W89	WD8 Weight 250 g