











# Rectifier Diodes

## Capsule Types

Part No. ○ Not for new design > New	V <sub>RRM</sub> V	I <sub>FAV</sub> T <sub>K</sub> = 55°C A	I <sub>FSM</sub> 10 ms ½ sine V <sub>R</sub> - ≤ 60% V <sub>RRM</sub> A	I <sup>2</sup> t A <sup>2</sup> s	V <sub>TO</sub> @T <sub>JM</sub> V	r <sub>T</sub> mΩ	T <sub>JM</sub> °C	R <sub>thJK</sub>		Fig. No.	Package style Outlines on pages O-01...O-35
								180° Sine K/W	120° Rect. K/W		
W1748LC180	1800	1748	15400	118 x 10 <sup>3</sup>	0.87	0.28	175	0.033	0.0393	W4	
W1748LC250	2500	1748	15400	118 x 10 <sup>3</sup>	0.87	0.28	175	0.033	0.0393	W4	
W1856NC460	4600	1856	16000	128 x 10 <sup>3</sup>	0.975	0.348	160	0.0220	0.0255	W5	
W1856NC480	4800	1856	16000	128 x 10 <sup>3</sup>	0.975	0.348	160	0.0220	0.0255	W5	
W1975MC650	6500	1975	18000	1.62 x 10 <sup>5</sup>	0.950	0.510	150	0.0140	0.0158	W54	W4 Weight 340 g
W1975MC680	6800	1975	18000	1.62 x 10 <sup>6</sup>	0.950	0.510	150	0.0140	0.0158	W54	
W1975MC720	7200	1975	18000	1.62 x 10 <sup>6</sup>	0.950	0.510	150	0.0140	0.0158	W54	
W1980JK180	1800	1980	15400	1.18 x 10 <sup>6</sup>	0.870	0.280	175	0.0270	0.0314	W113	
W1980JK220	2200	1980	15400	1.18 x 10 <sup>6</sup>	0.870	0.280	175	0.0270	0.0314	W113	
W2054NC420	4200	2054	19000	1.81 x 10 <sup>6</sup>	0.800	0.300	160	0.0220	0.0274	W5	W5 Weight 510 g
W2054NC450	4500	2054	19000	1.81 x 10 <sup>6</sup>	0.800	0.300	160	0.0220	0.0274	W5	
W2058LC100	1000	2058	19500	1.90 x 10 <sup>6</sup>	0.790	0.192	175	0.0330	0.0393	W4	
W2058LC120	1200	2058	19500	1.90 x 10 <sup>6</sup>	0.790	0.192	175	0.0330	0.0393	W4	
W2058LC140	1400	2058	19500	1.90 x 10 <sup>6</sup>	0.790	0.192	175	0.0330	0.0393	W4	
W2115MC520	5200	2122	19000	1.81 x 10 <sup>6</sup>	1.074	0.405	150	0.0140	0.0158	W54	W6 Weight 1000 g
W2115MC560	5600	2122	19000	1.81 x 10 <sup>6</sup>	1.074	0.405	150	0.0140	0.0158	W54	
W2115MC600	6000	2122	19000	1.81 x 10 <sup>6</sup>	1.074	0.405	150	0.0140	0.0158	W54	
W2134NC360	3600	2134	20000	2.00 x 10 <sup>6</sup>	0.865	0.260	160	0.0220	0.0255	W5	
W2134NC400	4000	2134	20000	2.00 x 10 <sup>6</sup>	0.865	0.260	160	0.0220	0.0255	W5	
W2340JK120	1200	2340	19500	1.90 x 10 <sup>6</sup>	0.790	0.192	175	0.0270	0.0314	W113	W37 Weight 510 g
W2340JK150	1500	2340	19500	1.90 x 10 <sup>6</sup>	0.790	0.192	175	0.0270	0.0314	W113	
W2624NC240	2400	2624	28000	3.92 x 10 <sup>6</sup>	0.780	0.160	160	0.0220	0.0255	W5	
W2624NC280	2800	2624	28000	3.92 x 10 <sup>6</sup>	0.780	0.160	160	0.0220	0.0255	W5	
W2624ND240	2400	2624	28000	3.92 x 10 <sup>6</sup>	0.780	0.160	160	0.0220	0.0255	W37	
W2624ND280	2800	2624	28000	3.92 x 10 <sup>6</sup>	0.780	0.160	160	0.0220	0.0255	W37	W43 Weight 800 g
W2820VC420	4200	2820	26200	3.43 x 10 <sup>6</sup>	1.300	0.147	160	0.0160	0.0190	W6	
W2820VC450	4500	2820	26200	3.43 x 10 <sup>6</sup>	1.300	0.147	160	0.0160	0.0190	W6	
W2820VF420	4200	2820	26200	3.43 x 10 <sup>6</sup>	1.300	0.147	160	0.0160	0.0190	W43	W54 Weight 530 g
W2820VF450	4500	2820	26200	3.43 x 10 <sup>6</sup>	1.300	0.147	160	0.0160	0.0190	W43	
W2830HE520	5200	2830	32000	5.12 x 10 <sup>6</sup>	0.910	0.260	150	0.0123	0.0133	W123	
W2830HE560	5600	2830	32000	5.12 x 10 <sup>6</sup>	0.910	0.260	150	0.0123	0.0133	W123	
W2830HE600	6000	2830	32000	5.12 x 10 <sup>6</sup>	0.910	0.260	150	0.0123	0.0133	W123	
> W2840QA180	1800	2840	20000	2.00 x 10 <sup>6</sup>	0.940	0.139	180	0.0230	0.0255	W117	W113 Weight 200 g
> W2840QA220	2200	2840	20000	2.00 x 10 <sup>6</sup>	0.940	0.139	180	0.0230	0.0255	W117	
> W2865HA680	6800	2862	32400	5.25 x 10 <sup>6</sup>	0.982	0.308	150	0.0105	0.0116	W121	
> W2865HA720	7200	2862	32400	5.25 x 10 <sup>6</sup>	0.982	0.308	150	0.0105	0.0116	W121	
W2899MC460	4600	2899	25400	3.23 x 10 <sup>6</sup>	0.996	0.222	160	0.0140	0.0158	W54	W117 Weight 330 g
W2899MC480	4800	2899	25400	3.23 x 10 <sup>6</sup>	0.996	0.222	160	0.0140	0.0158	W54	
W3082MC420	4200	3120	26000	3.38 x 10 <sup>6</sup>	0.923	0.192	160	0.0140	0.0160	W54	
W3082MC450	4500	3120	26000	3.38 x 10 <sup>6</sup>	0.923	0.192	160	0.0140	0.0160	W54	
W3090HA520	5200	3110	32000	5.12 x 10 <sup>6</sup>	0.910	0.260	150	0.0105	0.0116	W121	
W3090HA560	5600	3110	32000	5.12 x 10 <sup>6</sup>	0.910	0.260	150	0.0105	0.0116	W121	W121 Weight 330 g
W3090HA600	6000	3110	32000	5.12 x 10 <sup>6</sup>	0.910	0.260	150	0.0105	0.0116	W121	
○ W3128VC360	3600	3128	30000	4.50 x 10 <sup>6</sup>	0.875	0.158	160	0.0160	0.0190	W6	
○ W3128VC400	4000	3128	30000	4.50 x 10 <sup>6</sup>	0.875	0.158	160	0.0160	0.0190	W6	
○ W3128VF360	3600	3128	30000	4.50 x 10 <sup>6</sup>	0.875	0.158	160	0.0160	0.0190	W43	
○ W3128VF400	4000	3128	30000	4.50 x 10 <sup>6</sup>	0.875	0.158	160	0.0160	0.0190	W43	