










Rectifier Diodes Capsule Types

Part No. ❖ Avalanche rated diode ○ Not for new design > New	V _{RRM} V	I _{FAV} T _K = 55°C A	I _{FSM} 10 ms ½ sine V _R - ≤ 60% V _{RRM} A	I ² t A ² s	V _{TO} @T _{JM} V	r _T mΩ	T _{JM} °C	R _{thJK}		Fig. No.	Package style Outlines on pages O-01...O-35
								180° Sine K/W	120° Rect. K/W		
❖ W3270NC20A	2000	3239	27600	3.81 x 10 ⁶	0.818	0.108	175	0.0220	0.0255	W5	 W5 Weight 510 g
❖ W3270NC22A	2200	3239	27600	3.81 x 10 ⁶	0.818	0.108	175	0.0220	0.0255	W5	
W3270NC180	2000	3270	28000	3.92 x 10 ⁶	0.826	0.104	175	0.0220	0.0255	W5	 W6 Weight 1 kg
W3270NC220	2200	3270	28000	3.92 x 10 ⁶	0.826	0.104	175	0.0220	0.0255	W5	
W3305QK240	2400	3305	18500	1.71 x 10 ⁶	0.910	0.150	175	0.0170	0.0207	WD2	 W7 Weight 1.7 kg
W3305QK280	2800	3305	18500	1.71 x 10 ⁶	0.910	0.150	175	0.0170	0.0207	WD2	
> W3409NK240	2400	3409	28000	3.92 x 10 ⁶	0.780	0.160	160	0.0145	0.0171	WD8	 W42 Weight 1.2 kg
> W3409NK280	2800	3409	28000	3.92 x 10 ⁶	0.780	0.160	160	0.0145	0.0171	WD8	
W3455QK200	2000	3455	20000	2.00 x 10 ⁶	0.940	0.139	180	0.0170	0.0207	WD2	 W43 Weight 800 g
W3455QK220	2200	3455	20000	2.00 x 10 ⁶	0.940	0.139	180	0.0170	0.0207	WD2	
W3477MC360	3600	3470	28200	3.98 x 10 ⁶	0.908	0.146	160	0.0140	0.0158	W54	 W54 Weight 530 g
W3477MC400	4000	3470	28200	3.98 x 10 ⁶	0.908	0.146	160	0.0140	0.0158	W54	
W3630TJ650	6500	3630	35000	6.125 x 10 ⁶	0.916	0.262	150	0.0080	0.0085	W89	 W89 Weight 1.3 kg
W3630TJ720	7200	3630	35000	6.125 x 10 ⁶	0.916	0.262	150	0.0080	0.0085	W89	
W3630TE650	6500	3630	35000	6.125 x 10 ⁶	0.916	0.262	150	0.0080	0.0085	W94	 W94 Weight 1.6 kg
W3630TE720	7200	3630	35000	6.125 x 10 ⁶	0.916	0.262	150	0.0080	0.0085	W94	
W3697VC220	2200	3697	40000	8.00 x 10 ⁶	0.860	0.100	160	0.0160	0.0190	W6	 WD8 Weight 250 g
W3697VC280	2800	3697	40000	8.00 x 10 ⁶	0.860	0.100	160	0.0160	0.0190	W6	
W3697VF220	2200	3697	40000	8.00 x 10 ⁶	0.860	0.100	160	0.0160	0.0190	W43	
W3697VF280	2800	3697	40000	8.00 x 10 ⁶	0.860	0.100	160	0.0160	0.0190	W43	
W3708MC320	3200	3753	30000	4.50 x 10 ⁶	0.958	0.112	160	0.0140	0.0158	W54	
W3708MC350	3500	3753	30000	4.50 x 10 ⁶	0.958	0.112	160	0.0140	0.0158	W54	
○ W3743ZC400	4000	3750	35000	6.13 x 10 ⁶	0.976	0.170	160	0.0110	0.0132	W7	
○ W3743ZC450	4500	3750	35000	6.13 x 10 ⁶	0.976	0.170	160	0.0110	0.0132	W7	
○ W3743ZC500	5000	3750	35000	6.13 x 10 ⁶	0.976	0.170	160	0.0110	0.0132	W7	
○ W3743ZD400	4000	3750	35000	6.13 x 10 ⁶	0.976	0.170	160	0.0110	0.0132	W42	
○ W3743ZD450	4500	3750	35000	6.13 x 10 ⁶	0.976	0.170	160	0.0110	0.0132	W42	
○ W3743ZD500	5000	3750	35000	6.13 x 10 ⁶	0.976	0.170	160	0.0110	0.0132	W42	
W3841VC300	3000	3841	39800	7.92 x 10 ⁶	0.860	0.115	175	0.0160	0.0190	W6	
W3841VC340	3400	3841	39800	7.92 x 10 ⁶	0.860	0.115	175	0.0160	0.0190	W6	
W3841VF300	3000	3841	39800	7.92 x 10 ⁶	0.860	0.115	175	0.0160	0.0190	W43	
W3841VF340	3400	3841	39800	7.92 x 10 ⁶	0.860	0.115	175	0.0160	0.0190	W43	
W3842MC240	2400	3842	35100	6.1 ⁶ x 10 ⁶	0.831	0.118	160	0.0140	0.0158	W54	
W3842MC280	2800	3842	35100	6.1 ⁶ x 10 ⁶	0.831	0.118	160	0.0140	0.0158	W54	
❖ W3842MC28A	2800	3842	35100	6.1 ⁶ x 10 ⁶	0.831	0.118	160	0.0140	0.0158	W54	
W3864QK120	1200	3864	22200	2.4 ⁶ x 10 ⁶	0.861	0.109	180	0.0170	0.0210	WD2	
W3864QK150	1500	3864	22200	2.4 ⁶ x 10 ⁶	0.861	0.109	180	0.0170	0.0210	WD2	
W3864QK180	1800	3864	22200	2.4 ⁶ x 10 ⁶	0.861	0.109	180	0.0170	0.0210	WD2	
W4096ZC420	4200	4096	41700	8.70 x 10 ⁶	0.730	0.158	160	0.0110	0.0132	W7	
W4096ZC450	4500	4096	41700	8.70 x 10 ⁶	0.730	0.158	160	0.0110	0.0132	W7	
W4096ZD420	3400	4096	41700	8.70 x 10 ⁶	0.730	0.158	160	0.0110	0.0132	W42	
W4096ZD450	4500	4096	41700	8.70 x 10 ⁶	0.730	0.158	160	0.0110	0.0132	W42	
W4205TJ520	5200	4205	45000	10.1 x 10 ⁶	0.850	0.190	150	0.0080	0.0085	W89	
W4205TJ560	5600	4205	45000	10.1 x 10 ⁶	0.850	0.190	150	0.0080	0.0085	W89	
W4205TJ600	6000	4205	45000	10.1 x 10 ⁶	0.850	0.190	150	0.0080	0.0085	W89	
W4205TE520	5200	4205	45000	10.1 x 10 ⁶	0.850	0.190	150	0.0080	0.0085	W94	
W4205TE560	5600	4205	45000	10.1 x 10 ⁶	0.850	0.190	150	0.0080	0.0085	W94	
W4205TE600	6000	4205	45000	10.1 x 10 ⁶	0.850	0.190	150	0.0080	0.0085	W94	
> W4295NK200	2000	4295	28000	3.92 x 10 ⁶	0.826	0.104	175	0.0145	0.0171	WD8	