Rectifier Diodes

RoHS COMPLIANT

Features



- Vacuum closed tube boron aluminum diffusion process
- Disc ceramic cold-press encapsulation
- Double cooling
- Big current density
- The minimum allowed working temperature Tjmin=-40℃

型号 Type	$I_{F(AV)}$@Tc =100℃	VRRM	I_{FSM}@T_{jm} &10ms	V_{FM}@I_{FM} &T_C=25℃		V_{FO} @T_{Vjm}	r_F @T_{Vjm}	T_{VJM}	R_{thjC}	R_{thCH}	安装力F ±10%	外形
	A	V	kA	A	V	V	mΩ	℃	K/W	K/W	KN	
ZP300A	300	1400-1800	4.9	800	1.85	0.82	1.15	0.030	0.0080	175	5	
ZP500A	500	2400-3000	5.9*	800	1.45	0.80	0.65	0.024	0.0060	175	5	
ZP500A	500	3400-4200	9.1	1000	0.95	2.10	0.575	0.020	0.0050	175	15	
ZP600A	600	4400-5200	14.5	1000	1.17	1.95	0.780	0.020	0.0050	175	20	
ZP700A	700	4400-5200	16	2000	1.03	2.37	0.620	0.018	0.0045	175	35	
ZP800A	800	800-1400	16	1500	0.85	1.41	0.290	0.030	0.0080	175	35	
ZP900A	900	1200-1600	17.5	1500	0.93	1.52	0.302	0.030	0.0080	125	35	
ZP900A	900	1800-2400	17	2400	0.94	1.97	0.430	0.024	0.0060	125	35	
ZP1000A	1000	2800-3600	17	2000	1.08	2.14	0.53	0.020	0.0050	150	50	
ZP1100A	1100	1400-1800	18	2400	0.93	1.71	0.260	0.024	0.0060	170	50	
ZP1200A	1200	3400-4200	16.5	2000	1.10	1.96	0.430	0.018	0.0045	125	45	
ZP1200A	1200	4400-5200	1.98	2000	1.09	2.11	0.510	0.016	0.0040	190	45	
ZP1300A	1300	2800-3600	1.92	2000	1.06	1.76	0.350	0.018	0.0045	125	45	
ZP1300A	1300	5400-6500	19	1500	1.20	2.33	0.750	0.013	0.0035	170	45	
ZP1500A	1500	6800-7500	24.5	1500	1.35	2.55	0.800	0.011	0.0030	150	50	
ZP1500A	1500	800-1400	20.5	2400	0.82	1.43	0.200	0.024	0.0060	170	50	
ZP1700A	1700	1200-1600	21.6	2400	0.91	1.50	0.220	0.024	0.0060	190	45	
ZP1800A	1800	1800-2400	21.5	3000	0.93	1.80	0.290	0.020	0.0050	150	45	
ZP1900A	1900	2400-3000	21	3000	1.02	2.13	0.370	0.020	0.0050	190	50	
ZP2000A	2000	3400-4200	25.3	2000	1.08	1.76	0.340	0.016	0.0040	150	50	

Type	$I_{F(AV)}$@Tc =100℃	VRRM	I_{FSM}@T_{jm} &10ms	V_{FM}@I_{FM} &T_C=25℃		V_{FO} @T_{Vjm}	r_F @T_{Vjm}	T_{VJM}	R_{thjC}	R_{thCH}	安装力F ±10%	外形
	A	V	kA	A	V	V	mΩ	℃	K/W	K/W	KN	
ZP2000A	2000	2400-3400	25	3000	1.55	1.60	0.36	0.030	0.0080	175	30	
ZP2000A	2000	2400-3000	33.0	2400	1.65	2.17	0.50	0.024	0.0060	175	30	
ZP2100A	2100	3400-4200	14.5	2000	0.95	2.10	0.575	0.020	0.0050	175	35	
ZP2300A	2300	4400-5200	14.5	1000	1.17	1.95	0.780	0.020	0.0050	175	35	
ZP2600A	2600	4400-5200	16	2000	1.03	2.37	0.620	0.018	0.0045	175	35	
ZP2700A	2700	800-1400	16	1500	0.85	1.41	0.290	0.030	0.0080	175	35	
ZP2800A	2800	1200-1600	17.5	1500	0.93	1.52	0.302	0.030	0.0080	125	35	
ZP2900A	2900	1800-2400	17	2400	0.94	1.97	0.430	0.024	0.0060	125	35	
ZP3200A	3200	2800-3600	17	2000	1.08	2.14	0.53	0.020	0.0050	150	50	
ZP3300A	3300	1400-1800	18	2400	0.93	1.71	0.260	0.024	0.0060	170	50	
ZP3900A	3900	3400-4200	16.5	2000	1.10	1.96	0.430	0.018	0.0045	150	45	
ZP4000A	4000	4400-5200	1.98	2000	1.09	2.11	0.510	0.016	0.0040	175	45	
ZP4200A	4200	2800-3600	1.92	2000	1.06	1.76	0.350	0.018	0.0045	125	45	
ZP4400A	4400	5400-6500	19	1500	1.20	2.33	0.750	0.013	0.0035	125	45	
ZP4500A	4500	6800-7500	24.5	1500	1.35	2.55	0.800	0.011	0.0030	150	50	
ZP4500A	4500	800-1400	20.5	2400	0.82	1.43	0.200	0.024	0.0060	170	50	
ZP4800A	4800	1200-1600	21.6	2400	0.91	1.50	0.220	0.024	0.0060	150	45	
ZP5000A	5000	1800-2400	21.5	3000	0.93	1.80	0.290	0.020	0.0050	170	45	
ZP5700A	5700	2400-3000	21	3000	1.02	2.13	0.370	0.020	0.0050	150	50	
ZP6000A	6000	3400-4200	19.3	2000	1.08	1.76	0.340	0.016	0.0040	175	50	
ZP6100A	6100	4400-5200	23.5	3000	0.99	1.80	0.270	0.018	0.0045	125	50	
ZP6100A	6100	2400-3000	23	1500	1.18	2.13	0.632	0.011	0.0030	125	50	
ZP6600A	6600	5400-6500	22	2000	1.18	2.08	0.450	0.013	0.0035	150	50	
ZP7400A	7400	200-600	18	1500	1.20	1.80	0.750	0.013	0.0040	170	50	
ZP9400A	9400	1400-1800	25	3000	0.93	1.80	0.290	0.020	0.0050	150	45	
ZP10000A	10000	1800-2400	23	3000	1.02	2.13	0.370	0.020	0.0050	175	50	