

High Efficiency Rectifiers

Part No.	Peak Repetitive Reverse Voltage	Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current(t)	Forward Voltage Drop		Max. Reverse Current		Marking Code	Package
	V_{RRM}	trr	I_O	I_{FSM}	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	μA	V		
1A High Efficiency Rectifiers										
HER101	50	50	1	30	1	1	5	50	HER101	
HER102	100	50	1	30	1	1	5	100	HER102	
HER103	200	50	1	30	1	1	5	200	HER103	
HER104	300	50	1	30	1.3	1	5	300	HER104	
HER105	400	50	1	30	1.3	1	5	400	HER105	
HER106	600	75	1	30	1.7	1	5	600	HER106	
HER107	800	75	1	30	1.7	1	5	800	HER107	
HER108	1000	75	1	30	1.7	1	5	1000	HER108	
HER101G	50	50	1	30	1	1	5	50	HER101G	
HER102G	100	50	1	30	1	1	5	100	HER102G	
HER103G	200	50	1	30	1	1	5	200	HER103G	
HER104G	300	50	1	30	1.3	1	5	300	HER104G	
HER105G	400	50	1	30	1.3	1	5	400	HER105G	
HER106G	600	75	1	30	1.7	1	5	600	HER106G	
HER107G	800	75	1	30	1.7	1	5	800	HER107G	
HER108G	1000	75	1	30	1.7	1	5	1000	HER108G	
1.5A High Efficiency Rectifiers										
HER151	50	50	1.5	50	1	1.5	5	50	HER151	
HER152	100	50	1.5	50	1	1.5	5	100	HER152	
HER153	200	50	1.5	50	1	1.5	5	200	HER153	
HER154	300	50	1.5	50	1	1.5	5	300	HER154	
HER155	400	50	1.5	50	1.3	1.5	5	400	HER155	
HER156	600	75	1.5	50	1.7	1.5	5	600	HER156	
HER157	800	75	1.5	50	1.7	1.5	5	800	HER157	
HER158	1000	75	1.5	50	1.7	1.5	5	1000	HER158	
HER151G	50	50	1.5	50	1	1.5	5	50	HER151G	
HER152G	100	50	1.5	50	1	1.5	5	100	HER152G	
HER153G	200	50	1.5	50	1	1.5	5	200	HER153G	
HER154G	300	50	1.5	50	1	1.5	5	300	HER154G	
HER155G	400	50	1.5	50	1.3	1.5	5	400	HER155G	
HER156G	600	75	1.5	50	1.7	1.5	5	600	HER156G	
HER157G	800	75	1.5	50	1.7	1.5	5	800	HER157G	
HER158G	1000	75	1.5	50	1.7	1.5	5	1000	HER158G	

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	V_{RRM}	trr	I_O	I_{FSM}	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	μA	V		
2A High Efficiency Rectifiers										
HER201	50	50	2	60	1	2	5	50	HER201	
HER202	100	50	2	60	1	2	5	100	HER202	
HER203	200	50	2	60	1	2	5	200	HER203	
HER204	300	50	2	60	1.3	2	5	300	HER204	
HER205	400	50	2	60	1.3	2	5	400	HER205	
HER206	600	75	2	60	1.7	2	5	600	HER206	
HER207	800	75	2	60	1.7	2	5	800	HER207	
HER208	1000	75	2	60	1.7	2	5	1000	HER208	
HER201G	50	50	2	60	1	2	5	50	HER201G	
HER202G	100	50	2	60	1	2	5	100	HER202G	
HER203G	200	50	2	60	1	2	5	200	HER203G	
HER204G	300	50	2	60	1.3	2	5	300	HER204G	
HER205G	400	50	2	60	1.3	2	5	400	HER205G	
HER206G	600	75	2	60	1.7	2	5	600	HER206G	
HER207G	800	75	2	60	1.7	2	5	800	HER207G	
HER208G	1000	75	2	60	1.7	2	5	1000	HER208G	
3A High Efficiency Rectifiers										
HER301	50	50	3	150	1	3	5	50	HER301	
HER302	100	50	3	150	1	3	5	100	HER302	
HER303	200	50	3	150	1	3	5	200	HER303	
HER304	300	50	3	150	1.3	3	5	300	HER304	
HER305	400	50	3	150	1.3	3	5	400	HER305	
HER306	600	75	3	150	1.7	3	5	600	HER306	
HER307	800	75	3	150	1.7	3	5	800	HER307	
HER308	1000	75	3	150	1.7	3	5	1000	HER308	
HER301G	50	50	3	150	1	3	5	50	HER301G	
HER302G	100	50	3	150	1	3	5	100	HER302G	
HER303G	200	50	3	150	1	3	5	200	HER303G	
HER304G	300	50	3	150	1.3	3	5	300	HER304G	
HER305G	400	50	3	150	1.3	3	5	400	HER305G	
HER306G	600	75	3	150	1.7	3	5	600	HER306G	
HER307G	800	75	3	150	1.7	3	5	800	HER307G	
HER308G	1000	75	3	150	1.7	3	5	1000	HER308G	

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	V_{RRM}	trr	I_O	I_{FSM}	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	μA	V		
5A High Efficiency Rectifiers										
HER501	50	50	5	200	1	5	5	50	HER501	
HER502	100	50	5	200	1	5	5	100	HER502	
HER503	200	50	5	200	1	5	5	100	HER503	
HER504	300	50	5	200	1	5	5	300	HER504	
HER505	400	50	5	200	1.3	5	5	400	HER505	
HER506	600	75	5	200	1.7	5	5	600	HER506	
HER507	800	75	5	200	1.7	5	5	800	HER507	
HER508	1000	75	5	200	1.7	5	5	1000	HER508	
HER501G	50	50	5	200	1	5	5	50	HER501G	
HER502G	100	50	5	200	1	5	5	100	HER502G	
HER503G	200	50	5	200	1	5	5	100	HER503G	
HER504G	300	50	5	200	1	5	5	300	HER504G	
HER505G	400	50	5	200	1.3	5	5	400	HER505G	
HER506G	600	75	5	200	1.7	5	5	600	HER506G	
HER507G	800	75	5	200	1.7	5	5	800	HER507G	
HER508G	1000	75	5	200	1.7	5	5	1000	HER508G	