

HIGH EFFICIENCY RECTIFIERS (SMD Type & Axial Lead Type)



TYPE No.	Max. Peak Reverse Voltage	Max. Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		Package Outline Drawing No. Please refer to Page: 131~139
	PRV	*Trr	I _O	I _{FSM}	I _R	V _{FM}	I _{FM}	
	V	nS	A	A	μA _{dc}	V	A	

NOTE: * Trr Test Conditions: I_F = 0.5A, I_R = 1.0A, Recover to 0.25A.

1.0 Ampere

HSM101	50	50	1.0	30	5.0	1.0	1.0	SM-1 (DO-213AB) (No.: 40)	
HSM102	100					1.3			
HSM103	200								
HSM104	300	75							
HSM105	400								
HSM106	600	100				1.7			
HSM107	800								
HSM108	1000								

1.0 Ampere

1H1	50	50	1.0	25	5.0	1.0	1.0	R-1 (No.: 1)	
1H2	100					1.3			
1H3	200								
1H4	300	75							
1H5	400								
1H6	600	100				1.7			
1H7	800								
1H8	1000								
HER101	50	50	1.0	30	5.0	1.0	1.0	DO-41 (No.: 3)	
HER102	100					1.3			
HER103	200								
HER104	300	75							
HER105	400								
HER106	600	100				1.7			
HER107	800								
HER108	1000								

1.5 Amperes

HER151	50	50	1.5	50	5.0	1.0	1.5	DO-15 (No.: 4)	
HER152	100					1.3			
HER153	200								
HER154	300	75							
HER155	400								
HER156	600	100				1.7			
HER157	800								
HER158	1000								

2.0 Amperes




HER201	50	50	2.0	60	5.0	1.0	2.0	DO-15 (No.: 4)	
HER202	100					1.3			
HER203	200								
HER204	300	75							
HER205	400								
HER206	600	100				1.7			
HER207	800								
HER208	1000								

HIGH EFFICIENCY




TYPE No.	Max. Peak Reverse Voltage	Max. Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Package Outline Drawing No. Please refer to Page: 131~139 </div>
	PRV	*Trr	I _O	I _{FSM}	I _R	V _{FM}	I _{FM}	
	V	nS	A	A	μA _{dc}	V	A	

NOTE: * Trr Test Conditions: I_F = 0.5A, I_R = 1.0A, Recover to 0.25A.




3.0 Amperes

HER301	50	50	3.0	150	10	1.0	3.0	DO-27 (No.: 5)							
HER302	100					1.3									
HER303	200					1.7									
HER304	300	75				5.0				150	10	1.0	5.0	DO-27 (No.: 5)	
HER305	400											1.3			
HER306	600	100				8.0				150	10	1.0	8.0	TO-220A (No.: 47)	
HER307	800											1.3			
HER308	1000											1.7			


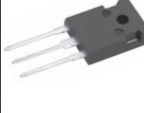
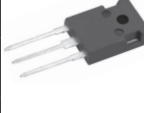
5.0 Amperes

HER501	50	50	5.0	150	10	1.0	5.0	DO-27 (No.: 5)							
HER502	100					1.3									
HER503	200					1.7									
HER504	300	75				8.0				150	10	1.0	8.0	TO-220A (No.: 47)	
HER505	400											1.3			
HER506	600	100				16.0				150	10	1.0	16.0	TO-220 (No.: 45)	
HER507	800											1.3			
HER508	1000											1.7			

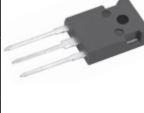
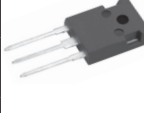
8.0 Amperes

HER801	50	50	8.0	150	10	1.0	8.0	TO-220A (No.: 47)						
HER802	100			125		1.3								
HER803	200			125		1.7								
HER804	300	75		16.0		150				10	1.0	16.0	TO-220 (No.: 45)	
HER805	400										125			
HER806	600	100		16.0		150				10	1.7	16.0	TO-220 (No.: 45)	

16 Amperes

HER1601	50	50	16	150	10	1.0	8.0	TO-220 (No.: 45)						
HER1602	100			125		1.3								
HER1603	200			125		1.7								
HER1604	300	75		30		250				10	1.0	15	TO-3P (No.: 50)	
HER1605	400										200			
HER1606	600	100		30		250				10	1.7	15	TO-3P (No.: 50)	

30 Amperes

HER3001	50	50	30	250	10	1.0	15	TO-3P (No.: 50)						
HER3002	100			200		1.3								
HER3003	200			200		1.7								
HER3004	300	75		30		250				10	1.0	15	TO-3P (No.: 50)	
HER3005	400										200			
HER3006	600	100		30		250				10	1.7	15	TO-3P (No.: 50)	