

ULTRA-FAST/HIGH EFFICIENCY RECTIFIERS



OPERATING AND STORAGE TEMPERATURE – 65°C to + 150°C

SURGE PART NUMBER	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T _A	Maximum Forward Voltage @ 25°C T _A		Maximum Reverse Recovery Time
	PRV	I _o @ T _A		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}	T _{rr}
	V _{PK}	A _{AV}	°C	A _{PK}	μA _{dc}	A _{PK}	V _{PK}	nS

1.0 AMPERE-HIGH EFFICIENCY/TS-1 (CASE 2)

HT11	50	1.0	25	25	5.0	1.0	1.0	50
HT12	100	1.0	25	25	5.0	1.0	1.0	50
HT13	200	1.0	25	25	5.0	1.0	1.0	50
HT14	300	1.0	25	25	5.0	1.0	1.0	50
HT15	400	1.0	25	25	5.0	1.0	1.3	50
HT16	600	1.0	25	25	5.0	1.0	1.7	75
HT17	800	1.0	25	25	5.0	1.0	1.7	75
HT18	1000	1.0	25	25	5.0	1.0	1.7	75

1.0 AMPERE-HIGH EFFICIENCY/DO-41 (CASE 5)

HER101	50	1.0	50	30	5.0	1.0	1.0	50
HER102	100	1.0	50	30	5.0	1.0	1.0	50
HER103	200	1.0	50	30	5.0	1.0	1.0	50
HER104	300	1.0	50	30	5.0	1.0	1.0	50
HER105	400	1.0	50	30	5.0	1.0	1.3	50
HER106	600	1.0	50	30	5.0	1.0	1.7	75
HER107	800	1.0	50	30	5.0	1.0	1.7	75

1.5 AMPERES-HIGH EFFICIENCY/DO-15 (CASE 6)

HER151	50	2.0	50	60	5.0	1.5	1.0	50
HER152	100	2.0	50	60	5.0	1.5	1.0	50
HER153	200	2.0	50	60	5.0	1.5	1.0	50
HER154	300	2.0	50	60	5.0	1.5	1.0	50
HER155	400	2.0	50	60	5.0	1.5	1.3	50
HER156	600	2.0	50	60	5.0	1.5	1.7	75
HER157	800	2.0	50	60	5.0	1.5	1.7	75

2.0 AMPERES-HIGH EFFICIENCY/DO-15 (CASE 6)

HER201	50	2.0	50	60	5.0	2.0	1.0	50
HER202	100	2.0	50	60	5.0	2.0	1.0	50
HER203	200	2.0	50	60	5.0	2.0	1.0	50
HER204	300	2.0	50	60	5.0	2.0	1.0	50
HER205	400	2.0	50	60	5.0	2.0	1.3	50
HER206	600	2.0	50	60	5.0	2.0	1.5	75
HER207	800	2.0	50	60	5.0	2.0	1.7	75

3.0 AMPERES-HIGH EFFICIENCY/DO-201AD (CASE 8)

HER301	50	3.0	50	200	10	3.0	1.0	50
HER302	100	3.0	50	200	10	3.0	1.0	50
HER303	200	3.0	50	200	10	3.0	1.0	50
HER304	300	3.0	50	200	10	3.0	1.0	50
HER305	400	3.0	50	200	10	3.0	1.3	50
HER306	600	3.0	50	150	10	3.0	1.7	75
HER307	800	3.0	50	150	10	3.0	1.7	75