

High Efficiency Rectifiers

Type 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/DO-41

HER101	50	1.0	50	30	5.0	1.0	1.1	50
HER102	100	1.0	50	30	5.0	1.0	1.1	50
HER103	200	1.0	50	30	5.0	1.0	1.1	50
HER104	300	1.0	50	30	5.0	1.0	1.1	50
HER105	400	1.0	50	30	5.0	1.0	1.1	50
HER106	600	1.0	50	30	5.0	1.0	1.75	100

1.5 Ampere High Efficiency/DO-15

HER151	50	1.5	50	50	5.0	1.5	1.1	50
HER152	100	1.5	50	50	5.0	1.5	1.1	50
HER153	200	1.5	50	50	5.0	1.5	1.1	50
HER154	300	1.5	50	50	5.0	1.5	1.1	50
HER155	400	1.5	50	50	5.0	1.5	1.1	50

3.0 Ampere High Efficiency/DO-201AD

HER301	50	3.0	50	125	10	3.0	1.1	50
HER302	100	3.0	50	125	10	3.0	1.1	50
HER303	200	3.0	50	125	10	3.0	1.1	50
HER304	300	3.0	50	125	10	3.0	1.1	50
HER305	400	3.0	50	125	10	3.0	1.1	50
HER306	600	3.0	50	125	10	3.0	1.75	100

6.0 Ampere High Efficiency/R-6

HER601	50	6.0	50	250	10	6.0	1.2	60
HER602	100	6.0	50	250	10	6.0	1.2	60
HER603	200	6.0	50	250	10	6.0	1.2	60
HER604	300	6.0	50	250	10	6.0	1.2	60

OPERATING/STORAGE TEMPERATURE -65°C to +150°C