



HIGH EFFICIENCY RECTIFIERS

T-03-01

OPERATING AND STORAGE TEMPERATURE -65°C to +175°C

TYPE	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}	μAdc	A _{PK}	V _{PK}	nS

MASTER INSTRUMENT 56E D ■ 5850561 0000139 188 ■ MST

1.0 AMPERE-HIGH EFFICIENCY/DO-41

HER101	50	1.0	50	50	5.0	1.0	1.0	50
HER102	100	1.0	50	50	5.0	1.0	1.0	50
HER103	200	1.0	50	50	5.0	1.0	1.0	50
HER104	300	1.0	50	50	5.0	1.0	1.0	50
HER105	400	1.0	50	50	5.0	1.0	1.0	50
HER106	600	1.0	50	50	5.0	1.0	1.45	50
HER107	800	1.0	50	50	5.0	1.0	1.45	50

1.5 AMPERES-HIGH EFFICIENCY/DO-15

HER151	50	1.5	50	60	5.0	1.5	1.0	50
HER152	100	1.5	50	60	5.0	1.5	1.0	50
HER153	200	1.5	50	60	5.0	1.5	1.0	50
HER154	300	1.5	50	60	5.0	1.5	1.0	50
HER155	400	1.5	50	60	5.0	1.5	1.0	50
HER156	600	1.5	50	60	5.0	1.5	1.45	50
HER157	800	1.5	50	60	5.0	1.5	1.45	50

2.5 AMPERES-HIGH EFFICIENCY/R-3

HER251	50	2.5	50	150	5.0	2.5	1.0	50
HER252	100	2.5	50	150	5.0	2.5	1.0	50
HER253	200	2.5	50	150	5.0	2.5	1.0	50
HER254	300	2.5	50	150	5.0	2.5	1.0	50
HER255	400	2.5	50	150	5.0	2.5	1.0	50
HER256	600	2.5	50	150	5.0	2.5	1.45	50
HER257	800	2.5	50	150	5.0	2.5	1.45	50

3.0 AMPERES-HIGH EFFICIENCY/DO-27

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	1.0	50
HER306	600	3.0	50	200	10	3.0	1.45	50
HER307	800	3.0	50	200	10	3.0	1.45	50