

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}	μA _{dc}	A _{PK}	V _{PK}	nS

MASTER INSTRUMENT

56E D ■ 585056J 0000140 9TT ■ MST



6.0 AMPERES-HIGH EFFICIENCY/R-6

TYPE	PRV (V _{PK})	I _o (A _{AV})	T _A (°C)	I _{FM} (A _{PK})	I _R (μA _{dc})	I _{FM} (A _{PK})	V _{FM} (V _{PK})	T _{rr} (nS)
HER601	50	6.0	50	300	10	6.0	1.0	60
HER602	100	6.0	50	300	10	6.0	1.0	60
HER603	200	6.0	50	300	10	6.0	1.0	60
HER604	300	6.0	50	300	10	6.0	1.0	60
HER605	400	6.0	50	300	10	6.0	1.0	60



8.0 AMPERES-HIGH EFFICIENCY/TO-220A

TYPE	PRV (V _{PK})	I _o (A _{AV})	T _A (°C)	I _{FM} (A _{PK})	I _R (μA _{dc})	I _{FM} (A _{PK})	V _{FM} (V _{PK})	T _{rr} (nS)
HER801	50	8.0	75	300	10	8.0	1.0	60
HER802	100	8.0	75	300	10	8.0	1.0	60
HER803	200	8.0	75	300	10	8.0	1.0	60
HER804	300	8.0	75	300	10	8.0	1.0	60
HER805	400	8.0	75	300	10	8.0	1.0	60

NOTE: Suffix "R" for Reverse Polarity



16 AMPERES-HIGH EFFICIENCY/TO-220

TYPE	PRV (V _{PK})	I _o (A _{AV})	T _A (°C)	I _{FM} (A _{PK})	I _R (μA _{dc})	I _{FM} (A _{PK})	V _{FM} (V _{PK})	T _{rr} (nS)
HER1601	50	16	75	300	10	8.0	1.0	60
HER1602	100	16	75	300	10	8.0	1.0	60
HER1603	200	16	75	300	10	8.0	1.0	60
HER1604	300	16	75	300	10	8.0	1.0	60
HER1605	400	16	75	300	10	8.0	1.0	60

NOTE: Suffix "C" = Common Cathode, "A" = Common Anode, "D" = Doubler Connection



30 AMPERES-HIGH EFFICIENCY/TO-3P

TYPE	PRV (V _{PK})	I _o (A _{AV})	T _A (°C)	I _{FM} (A _{PK})	I _R (μA _{dc})	I _{FM} (A _{PK})	V _{FM} (V _{PK})	T _{rr} (nS)
HER3001	50	30	75	400	10	15	1.0	60
HER3002	100	30	75	400	10	15	1.0	60
HER3003	200	30	75	400	10	15	1.0	60
HER3004	300	30	75	400	10	15	1.0	60
HER3005	400	30	75	400	10	15	1.0	60

NOTE: Suffix "C" = Common Cathode, "A" = Common Anode, "D" = Doubler Connection