

RECTIFIER DIODES, Ultra Fast Recovery, Plastic Package

ISI Part Number	Maximum Average Rectified Current at T_A		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I_F and $T_A = 25^\circ\text{C}$	Maximum Rev. Current @ Rated PIV and $T_A = 25^\circ\text{C}$	Reverse Recovery Time at Rated PIV	Package Quantities	Outline												
	I_o (Amps)	T_A ($^\circ\text{C}$)								PIV (Volts)	I_{FSM} (Amps)	V_{FM} (Volts)	I_R (μA)	T_{RR} (nsec)	Bulk/Reel	Inches/millimeters					
HER501 HER502 HER503 HER504 HER505 HER506 HER507 HER508	5.0	75	50	200	1.0	10	50	500/1250													
HER601 HER602 HER603 HER604 HER605 HER606			6.0		75		50			1.0	60	400/500									
HER801 HER802 HER803 HER804 HER805 HER806							8.0			75	50			1.3	50	50/Tube					
HER1601 HER1602 HER1603 HER1604 HER1605 HER1606											16			75	50			1.3 @ 8.0A	50	50/Tube	<p>AC \ominus Case AC \ominus Case Positive Case Negative No Suffix</p> <p>Pin 1 \ominus Case Pin 2 \ominus Case Negative Suffix "R"</p>

RECTIFIER DIODES, Ultra Fast Recovery, Glass Passivated, Plastic Package

ISI Part Number	Maximum Average Rectified Current at T_A		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I_F and $T_A = 25^\circ\text{C}$	Maximum Rev. Current @ Rated PIV and $T_A = 25^\circ\text{C}$	Reverse Recovery Time at Rated PIV	Package Quantities	Outline							
	I_o (Amps)	T_A ($^\circ\text{C}$)								PIV (Volts)	I_{FSM} (Amps)	V_{FM} (Volts)	I_R (μA)	T_{RR} (nsec)	Bulk/Reel	Inches/millimeters
HER101SG HER102SG HER103SG HER104SG HER105SG HER106SG HER107SG	55	55	50	30	1.0	5.0	50	1000/5000								
HER101G HER102G HER103G HER104G HER105G HER106G HER107G			1.0		55		50			1.0	50	1000/5000				
EGP10A EGP10B EGP10C EGP10D EGP10F EGP10G							55			55	50			0.95	50	1000/5000