

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 ($^\circ\text{C}$)							
HER161G HER162G HER163G HER164G HER165G HER166G HER167G	16	100	50	125	1.3	10	50	50/Tube	TO-220
			100		1.3		50		
			200		1.3		50		
			300		1.3		50		
			400		1.3		50		
			600		1.5		80		
			800		1.5		80		
FES16FT FES16GT FES16HT FES16JT	30	100	300	300	1.3	10	50	50/Tube	TO-220A
			400		1.3		50		
			500		1.5		50		
			600		1.5		50		
UF3000 UF3001 UF3002 UF3003 UF3004 UF3005 UF3006	30	150	50	300	1.0	10	50	30/Tube	TO-3P
			100		1.0		50		
			200		1.0		50		
			300		1.0		50		
			400		1.3		50		
			600		1.5		50		
			800		1.5		50		

RECTIFIER DIODES, Super 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 ($^\circ\text{C}$)							
SF11 SF12 SF13 SF14 SF15 SF16	1.0	55	50	30	0.95	5.0	35	1000/5000	DO-41
			100		0.95		35		
			150		0.95		35		
			200		0.95		35		
			300		1.2		35		
			400		1.2		35		
SF21 SF22 SF23 SF24 SF25 SF26	2.0	55	50	75	0.95	5.0	35	500/4000	DO-15
			100		0.95		35		
			150		0.95		35		
			200		0.95		35		
			300		1.2		35		
			400		1.2		35		