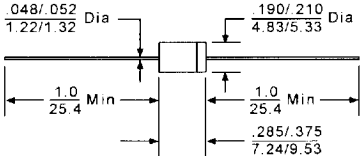
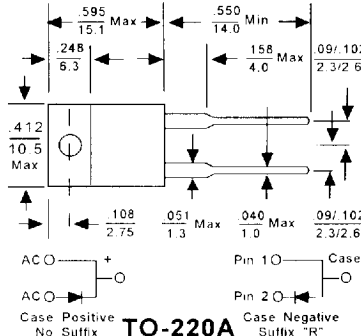
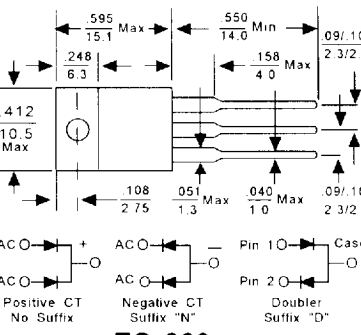
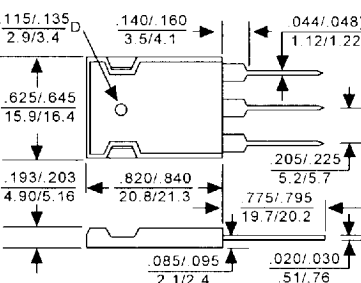


RECTIFIER DIODES, Super Fast Recovery, Plastic Package

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 ($^\circ\text{C}$)							Inches/millimeters		
SF31 SF32 SF33 SF34 SF35 SF36	3.0	55	50	125	0.95	5.0	35	500/1250			
SF51 SF52 SF53 SF54 SF55 SF56			100		0.95						
SF61 SF62 SF63 SF64 SF65 SF66			150		0.95						
			200		0.95						
			300		1.2						
			400		1.2						
SF81 SF82 SF83 SF84	8.0	$T_c = 100^\circ\text{C}$	50	125	0.95	10	35	50/Tube			
SF161 SF162 SF163 SF164			100								
SF3001 SF3002 SF3003 SF3004			150								
			200								
SF161 SF162 SF163 SF164	16	$T_c = 100^\circ\text{C}$	50	125	.975 @ 8.0A	5.0	35	50/Tube			
SF3001 SF3002 SF3003 SF3004			100								
			150								
			200								
SF3001 SF3002 SF3003 SF3004	30	$T_c = 150^\circ\text{C}$	50	300	.95 @ 15A	5.0	35	30/Tube			
			100								
			200								
			300								