

SUPER FAST RECTIFIERS



OPERATING AND STORAGE TEMPERATURE -65°C to +150°C

SURGE PART NUMBER	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



15 AMPERES-SUPER FAST/TO-220A (CASE 10)

SF151	50	15	55	250	10	15	.975	35
SF152	100	15	55	250	10	15	.975	35
SF153	150	15	55	250	10	15	.975	35
SF154	200	15	55	250	10	15	.975	35
SF155	300	15	55	250	10	15	1.30	50
SF156	400	15	55	250	10	15	1.30	50
SF157	500	15	55	250	10	15	1.50	50
SF158	600	15	55	250	10	15	1.50	50



16 AMPERES-SUPER FAST/TO-3P (CASE 32)

SF161	50	16	55	200	10	8	.975	35
SF162	100	16	55	200	10	8	.975	35
SF163	150	16	55	200	10	8	.975	35
SF164	200	16	55	200	10	8	.975	35
SF165	300	16	55	200	10	8	1.3	50
SF166	400	16	55	200	10	8	1.3	50
SF167	500	16	55	200	10	8	1.5	50
SF168	600	16	55	200	10	8	1.5	50



30 AMPERES-SUPER FAST/TO-3P (CASE 32)

SF301	50	30	55	300	10	15	.975	35
SF302	100	30	55	300	10	15	.975	35
SF303	150	30	55	300	10	15	.975	35
SF304	200	30	55	300	10	15	.975	35
SF305	300	30	55	300	10	15	1.30	50
SF306	400	30	55	300	10	15	1.30	50
SF307	500	30	55	300	10	15	1.50	50
SF308	600	30	55	300	10	15	1.50	50