

Freewheeling Diodes — Disc Type



Model	$I_{F(AV)}$ @ $T_C=70^{\circ}\text{C}$ A	V_{RRM} V	I_{FSM} @10ms & T_{vj} kA	V_{FM} @ $T_C=$ T_{vj} V	$@I_{FM}$ A	R_{thjc} $^{\circ}\text{C}/\text{W}$	R_{thch} $^{\circ}\text{C}/\text{W}$	I_{rr} @ T_{vj} A	Q_{rr} @ T_{vj} μC	$F \pm 10\%$ kN	T_{vj} $^{\circ}\text{C}$	Outline
ZK ₈ 500/25	500	2500	8.0	≤ 2.63	1500	0.035	0.008	≤ 470	≤ 840	15	125	ZP ₈
ZK ₉ 1000/25	1000		18.0	≤ 1.77		0.020	0.005	≤ 550	≤ 1200	22		ZP ₉
ZK ₉ 700/45	700	4500	13.0	≤ 2.90				≤ 600	≤ 1900			
ZK _X 1100/45	1100	4500	20.0	≤ 3.80	2500	0.012	0.003	≤ 1520	≤ 5250	56		ZS _X
ZK _X 900/60	950	6000	16.0	≤ 4.80				≤ 1300	≤ 3500			