

4500V and 6500V Diodes

Part number	I_F	T_C °C	I_F as single diode (with external connection) A	I_{FM} A	V_F @ $T_j = 25^\circ\text{C}$ V	I^2t kA ²	Q_{rr} @ T_{vj} μC	E_{rec} @ T_{vj} mJ	$R_{th(j-c)}$ per arm °C/kW	Outline code	Base plate dims mm	Base plate material
	A											
Fast Recovery Diode Modules—Dual diode												
DFM450NXM45-F	450	80	900	900	3.0	TBA	650	800	32	N	140×130	AlSiC
DFM600NXM45-F	600	80	1200	1200	3.0	TBA	850	1050	24	N	140×130	AlSiC
DFM600XXM45-F	600	80	1200	1200	3.0	TBA	850	1050	24	X	140×130	AlSiC
DFM900NXM45-F	900	80	1800	1800	3.0	TBA	1300	1600	16	N	140×130	AlSiC
Fast Recovery Diode Modules—Dual diode												
DFM400XXM65-K	400	75	800	800	3.6	97	1000	2000	30	X	140×130	AlSiC
DFM600XXM65-K	600	75	1200	600	3.6	218	1500	3000	20	X	140×130	AlSiC