



Medium frequency

Part number	V_{RRM}	V_{Fmin}	V_{Fmax}	I_{FAVM}	I_{FSM}	V_{F0}	r_F	T_{VJM}	R_{thJC}	R_{thCH}	F_m	Housing
	$T_j = 25^\circ\text{C}$		$T_c = 85^\circ\text{C}$		10ms	T_{VJM}	T_{VJM}					
	$I_F = 5000\text{ A}$				T_{VJM}							
	V	V	V	A	kA	V	m Ω	$^\circ\text{C}$	K/kW	K/kW	kN	
5SDD 71X0200	200	-	1.05	7110	55	0.74	0.026	170	10.0	5.0	22	X
5SDD 71B0200	200	-	1.05	7110	55	0.74	0.026	170	10.0	5.0	22	B
5SDD 0120C0200	200	-	0.92 *	11000	85	0.75	0.020	170	6.0	3.0	36	C
5SDD 71X0400	400	0.97	1.02	7110	55	0.74	0.026	170	10.0	5.0	22	X
5SDD 71B0400	400	-	1.05	7110	55	0.74	0.026	170	10.0	5.0	22	B
5SDD 0120C0400	400	0.83 *	0.88 *	11350	85	0.74	0.018	170	6.0	3.0	36	C
5SDD 92Z0401	400	-	1.03 *	9250	60	0.78	0.031	180	5.6	3.6	22	Z1
5SDD 0105Z0401	400	-	1.01 *	10502	70	0.812	0.026	180	5.0	2.5	30	Z2
5SDD 0135Z0401	400	-	0.92 *	13500	85	0.758	0.021	180	3.9	2.6	35	Z3

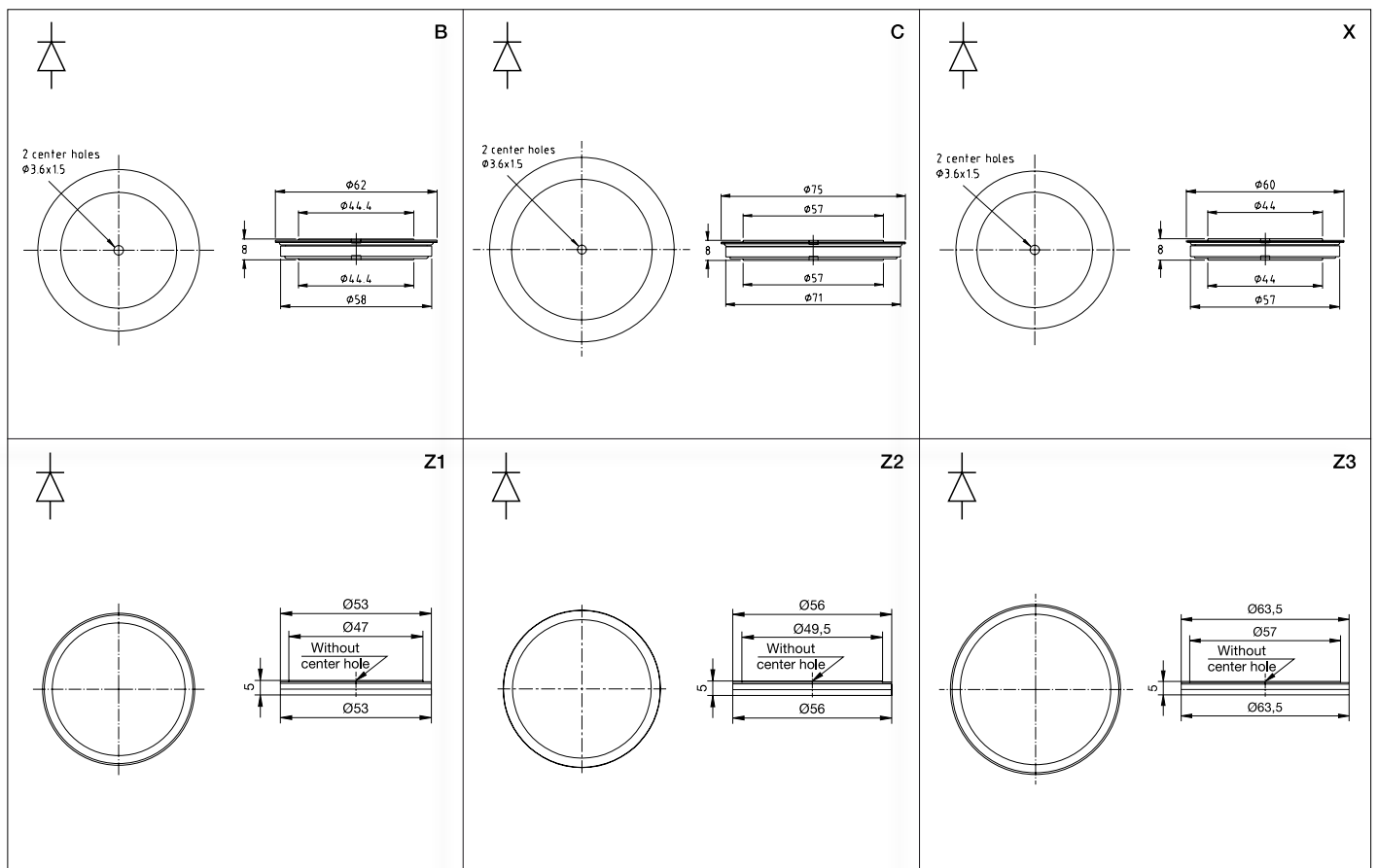
* at 8000 A, T_{VJM}

High frequency

Part number	V_{RRM}	V_{Fmax}	I_{FAVM}	I_{FSM}	V_{F0}	r_F	Q_{tr}	T_{VJM}	R_{thJC}	R_{thCH}	F_m	Housing
	T_{VJM}		$T_c = 85^\circ\text{C}$		10ms	T_{VJM}	T_{VJM}					
	$I_F = 5000\text{ A}$				T_{VJM}							
	V	V	A	kA	V	m Ω	μC	$^\circ\text{C}$	K/kW	K/kW	kN	
5SDF 63B0400	400	1.14	6266	44	0.96	0.036	180	190	10.0	5.0	22	B
5SDF 63X0400	400	1.14	6266	44	0.96	0.036	180	190	10.0	5.0	22	X
5SDF 90Z0401	400	1.13	9041	48	0.98	0.032	200	190	5.6	3.6	22	Z1
5SDF 0102C0400	400	1.14 *	10159	70	0.98	0.022	300	190	6.0	3.0	35	C
5SDF 0103Z0401	400	1.20 *	10266	54	1.00	0.027	230	190	5.0	2.5	30	Z2
5SDF 0131Z0401	400	1.14 *	13058	70	0.98	0.022	300	190	3.9	2.6	35	Z3

* at 8000 A

Please refer to page 75 for part numbering structure.



Dimensions in mm