

Medium Voltage Thyristors

Capsule Types

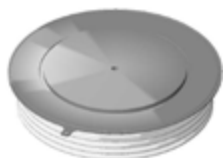
Part No. ◇ under development ➤ New	V_{DRM}	I_{TAV}	I_{TSM}	I^2t	t_q	Typ. Reverse Recovery Charge			V_{T0}	r_T	T_{JM}	R_{thJK}		Fig. No.
	V_{RRM}	$T_K = 55^\circ C$	10 ms $\frac{1}{2}$ sine		@	T_{JM}	Q_{rr}	@ I_{TM}	@ $-di/dt$	@ T_{JM}		180°	120°	
	V	A	$V_R - \leq 60\% V_{RRM}$	A^2s	μs		μC	A	A/ μs	V	m Ω	°C	Sine K/W	Rect. K/W
◇ K1210MA480	4800	1210	15300	1.17×10^6	750-1050	3550	1000	10	1.477	0.797	125	0.0150	0.0174	W77
◇ K1210MA520	5200	1210	15300	1.17×10^6	750-1050	3550	1000	10	1.477	0.797	125	0.0150	0.0174	W77
➤ K1270MA420	4200	1270	16700	1.39×10^6	650-950	2150	1000	10	1.331	0.741	125	0.0150	0.0174	W77
➤ K1270MA450	4500	1270	16700	1.39×10^6	650-950	2150	1000	10	1.331	0.741	125	0.0150	0.0174	W77
K1495HE600	6000	1495	21800	2.38×10^6	1200-1500	9000	1500	10	1.496	0.606	125	0.0125	0.0132	W80
K1495HE650	6500	1495	21800	2.38×10^6	1200-1500	9000	1500	10	1.496	0.606	125	0.0125	0.0132	W80
K1670HA600	6000	1670	21800	2.38×10^6	1200-1500	9000	1500	10	1.496	0.606	125	0.0105	0.0113	W79
K1670HA650	6500	1670	21800	2.38×10^6	1200-1500	9000	1500	10	1.496	0.606	125	0.0105	0.0113	W79
◇ K1785HA420	4200	1785	26600	3.53×10^6	1050-1350	5150	1500	10	1.373	0.536	125	0.0105	0.0113	W79
◇ K1785HA450	4500	1785	26600	3.53×10^6	1050-1350	5150	1500	10	1.373	0.536	125	0.0105	0.0113	W79
K1947ZC400	4000	1947	25000	3.13×10^6	600-700	8800	1000	10	1.221	0.425	125	0.0110	0.0119	W13
K1947ZC450	4500	1947	25000	3.13×10^6	600-700	8800	1000	10	1.221	0.425	125	0.0110	0.0119	W13
K1947ZD400	4000	1947	25000	3.13×10^6	600-700	8800	1000	10	1.221	0.425	125	0.0110	0.0119	W46
K1947ZD450	4500	1947	25000	3.13×10^6	600-700	8800	1000	10	1.221	0.425	125	0.0110	0.0119	W46
K2085TE600	6000	2145	33000	5.45×10^6	1450-1800	11000	3000	10	1.260	0.410	125	0.0095	0.0101	W82
K2085TE650	6500	2145	33000	5.45×10^6	1450-1800	11000	3000	10	1.260	0.410	125	0.0095	0.0101	W82
K2095ZC360	3600	2095	18200	1.66×10^6	400-500	4550	2000	10	1.502	0.296	125	0.0110	0.0119	W13
K2095ZC420	4200	2095	18200	1.66×10^6	400-500	4550	2000	10	1.502	0.296	125	0.0110	0.0119	W13
K2095ZD360	3600	2095	18200	1.66×10^6	400-500	4550	2000	10	1.502	0.296	125	0.0110	0.0119	W46
K2095ZD420	4200	2095	18200	1.66×10^6	400-500	4550	2000	10	1.502	0.296	125	0.0110	0.0119	W46
K2325TJ600	6000	2380	33000	5.45×10^6	1450-1800	11000	3000	10	1.260	0.410	125	0.0080	0.0085	W81
K2325TJ650	6500	2380	33000	5.45×10^6	1450-1800	11000	3000	10	1.260	0.410	125	0.0080	0.0085	W81
➤ K3745EA600	6000	3745	35400	6.26×10^6	1500-1800	14000	4000	10	1.320	0.270	125	0.0050	0.0054	W107
➤ K3745EA650	6500	3745	35400	6.26×10^6	1500-1800	14000	4000	10	1.320	0.270	125	0.0050	0.0054	W107
◇ K4005EA480	4800	4005	43200	9.33×10^6	1300-1600	8000	4000	10	1.359	0.216	125	0.0050	0.0054	W107
◇ K4005EA520	5200	4005	43200	9.33×10^6	1300-1600	8000	4000	10	1.359	0.216	125	0.0050	0.0054	W107
◇ K4215EA420	4200	4215	47000	11.0×10^6	1200-1500	4800	4000	10	1.224	0.201	125	0.0050	0.0054	W107
◇ K4215EA450	4500	4215	47000	11.0×10^6	1200-1500	4800	4000	10	1.224	0.201	125	0.0050	0.0054	W107

◇ New parts under development, please consult factory for more details.

Outlines on pages O-01...O-35



W13 Weight 1.7 kg



W46 Weight 1.2 kg



W77 Weight 550 g



W79 Weight 890 g



W80 Weight 1.2 kg



W81 Weight 1.2 kg



W82 Weight 1.65 kg



W107 Weight 1.6 kg