



● 05D Series

Model Number		Maximum Allowable Voltage		Varistor Voltage	Clamping Voltage (MAX.)		Maximum Peak current (8/20μs)		Maximum Energy (10/1000μs)		Rated Power	Typical Capacitance (Reference)		
Standard	High Surge	AC (V)	DC (V)	V _{1.0mA} (V)	VC (V)	IP (A)	standard	High Surge	standard	High Surge	(W)	@1KHz (pf)		
							(A)		(JOULE)					
05D180L	J	11	14	18(15-21)	40	1	100	250	0.4	0.6	0.01	1400	*	*
05D220K	J	14	18	22(20 -24)	48				0.5	0.7		1150	*	*
05D270K	J	17	22	27(24 -30)	60				0.6	0.9		930	*	*
05D330K	J	20	26	33(30 -36)	73				0.8	1.1		760	*	*
05D390K	J	25	31	39(35 - 43)	80				0.9	1.2		640	*	*
05D470K	J	30	38	47(42 - 52)	104				1.1	1.5		530	*	*
05D560K	J	35	45	56(50 - 62)	123				1.3	1.8		450	*	*
05D680K	J	40	56	68(61 - 75)	150				1.6	2.2		370	*	*
05D820K	J	50	65	82(74 - 90)	146	5	400	800	2.5	4.0	0.1	300	*	*
05D101K	J	60	85	100(90 - 110)	175				3.0	4.1		250	*	*
05D121K	J	75	100	120(108 - 132)	210				4.0	4.9		210	*	*
05D151K	J	95	125	150(135 - 165)	260				4.8	6.5		165	*	*
05D181K	J	115	150	180(162 - 198)	320				5.9	7.5		140	*	*
05D201K	J	130	170	200(185 - 225)	355				6.5	8.5		125	*	*
05D221K	J	140	180	220(198 - 242)	380				7.0	9.0		110	*	*
05D241K	J	150	200	240(216 - 264)	410				8.0	10.5		100	*	*
05D271K	J	175	225	270(243 - 297)	475				8.5	11		95	*	*
05D301K	J	190	250	300(270 - 330)	520				9.0	12		85	*	*
05D331K	J	210	275	330(297 - 363)	570				9.5	13		75	*	*
05D361K	J	230	300	360(324 - 396)	620				10.0	16		70	*	*
05D391K	J	250	320	390(351 - 429)	675				12.0	17		65	*	*
05D431K	J	275	350	430(387 - 473)	745				13.0	20		60	*	*
05D471K	J	300	385	470(423 - 517)	810				15.0	21		55	*	*
05D511K	J	320	415	510(459 - 561)	845				16.0	22.5		50	*	
05D561K	J	350	460	560(504 - 616)	920	16.0	24	45	*					
05D621K	J	385	505	620(558 - 682)	1025	17.7	25.0	40						
05D681K	J	420	560	680(612 - 748)	1120	21.0	29.0	35						
05D751K	J	460	615	750(675 - 825)	1240	22.4	32.0	30						

OPERATING TEMPERATURE RANGE: - 40°C ~ +105°C

STORAGE TEMPERATURE RANGE: - 40°C ~ +125°C

● **05D Series**

V-I curve

Impluse Lifetime Ratings

