

● **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)	UL	SP	D'E
Standard	High Surge	AC (V)	DC (V)	V1.0mA (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)	145	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		265	*	*	*
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)	415				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	*	*	*				

# OPERATING TEMPERATURE RANGE: - 40°C TO +105°C

# STORAGE TEMPERATURE RANGE: - 40°C TO +125°C

● **05D Series**

V-I curve

Impluse Lifetime Ratings

