

● **20D series**

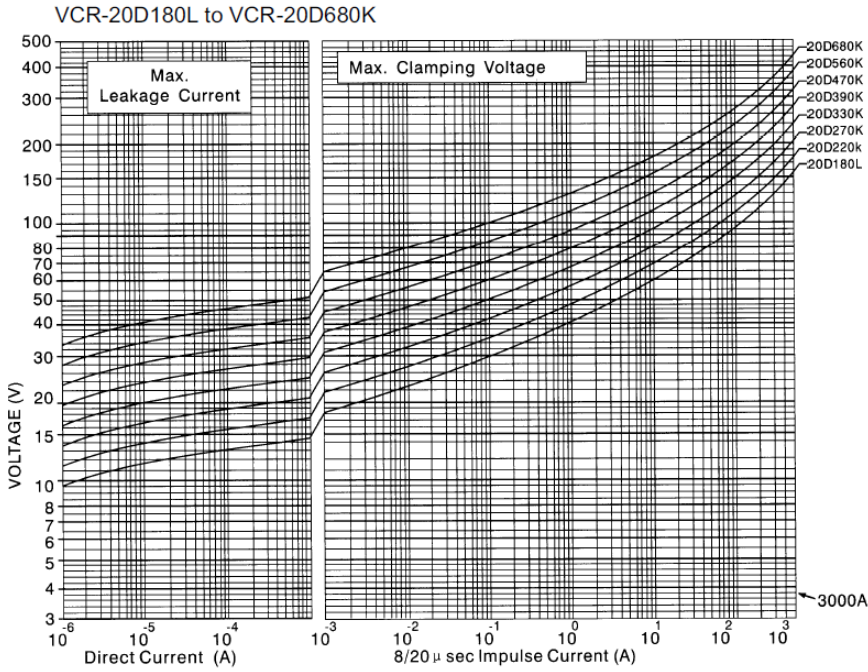
Model Number		Maximum Allowable Voltage		Varistor Voltage	Clamping Voltage (MAX.)		Maximum Peak current (8/20µs)		Maximum Energy (10/1000µs)		Rated Power (W)	Typical Capacitance (Reference) @ 1KHz (pf)	UL	DIP		
							Standard (A)	High Surge	Standard (JOULE)	High Surge						
Standard	High Surge	AC (V)	DC (V)	V <sub>1.0mA</sub> (V)	VC (V)	IP (A)										
20D180L	J	11	14	18(15-21)	36	20	1000	2000	11	13	0.20	28500	*			
20D220K	J	14	18	22(20-24)	43				14	16		18500	*			
20D270K	J	17	22	27(24-30)	53				16	19		13000	*	*		
20D330K	J	20	26	33(30-36)	65				23	24		11500	*	*		
20D390K	J	25	31	39(35-43)	77				26	28		8500	*	*		
20D470K	J	30	38	47(42-52)	93		2000	4000	30	34		7400	*	*		
20D560K	J	35	45	56(50-62)	110				41	41		6500	*	*		
20D680K	J	40	56	68(61-75)	135				46	49		5800	*	*		
20D820K	J	50	65	82(74-90)	135				3000	6000		38	56	4900	*	*
20D101K	J	60	85	100(90-110)	165							45	70	4000	*	*
20D121K	J	75	100	120(108-132)	200	55	85	3300			*	*				
20D151K	J	95	125	150(135-165)	250	100	6000	12000			70	106	2700	*	*	
20D181K	J	115	150	180(162-198)	300						85	130	2200	*	*	
20D201K	J	130	170	200(185-225)	340				95	140	2000	*	*			
20D221K	J	140	180	220(198-242)	360				100	155	1800	*	*			
20D241K	J	150	200	240(216-264)	395				108	168	1650	*	*			
20D271K	J	175	225	270(243-297)	455				127	190	1500	*	*			
20D301K	J	190	250	300(270-330)	500				136	210	1300	*	*			
20D331K	J	210	275	330(297-363)	550				150	228	1200	*	*			
20D361K	J	230	300	360(324-396)	595				163	255	1100	*	*			
20D391K	J	250	320	390(351-429)	650				180	275	1000	*	*			
20D431K	J	275	350	430(387-473)	710				190	305	930	*	*			
20D471K	J	300	385	470(423-517)	775				220	350	850	*	*			
20D511K	J	320	415	510(459-561)	845				220	360	780	*	*			
20D561K	J	350	460	560(504-616)	925				220	380	710	*	*			
20D621K	J	385	505	620(558-682)	1025				220	390	650	*	*			
20D681K	J	420	560	680(612-748)	1120				230	400	600	*	*			
20D751K	J	460	615	750(675-825)	1240				255	420	530	*	*			
20D781K	J	485	640	780(702-858)	1290				265	440	510	*	*			
20D821K	J	510	670	820(738-902)	1355				282	460	500	*	*			
20D911K	J	550	745	910(819-1001)	1500				310	510	440	*	*			
20D102K	J	625	825	1000(900-1100)	1650	342	565	400	*	*						
20D112K	J	680	895	1100(990-1210)	1815	383	620	360	*	*						
20D122K	J	750	990	1200(1080-1320)	1980	408	660	350	*	*						
20D142K		825	1135	1400(1260-1540)	2310	532	784	340	*	*						
20D152K		860	1220	1500(1350-1650)	2440	569	840	330	*	*						
20D162K		920	1300	1600(1440-1760)	2640	606	896	330	*	*						
20D182K	J	1100	1465	1800(1620-1980)	2970	625	990	320	*	*						

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

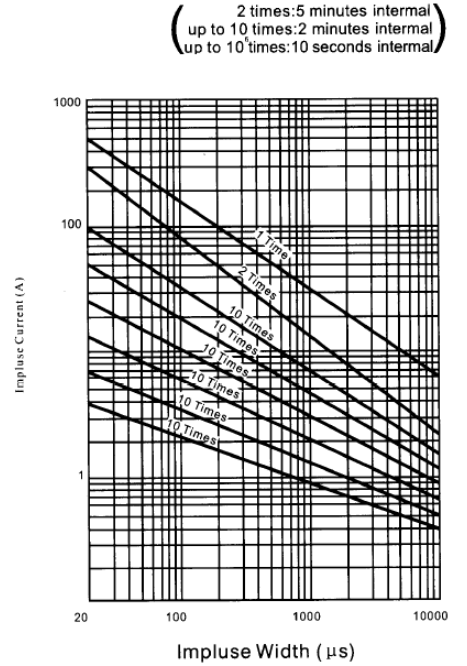
# STORAGE TEMPERATURE RANGE: - 40°C ~ +125°C

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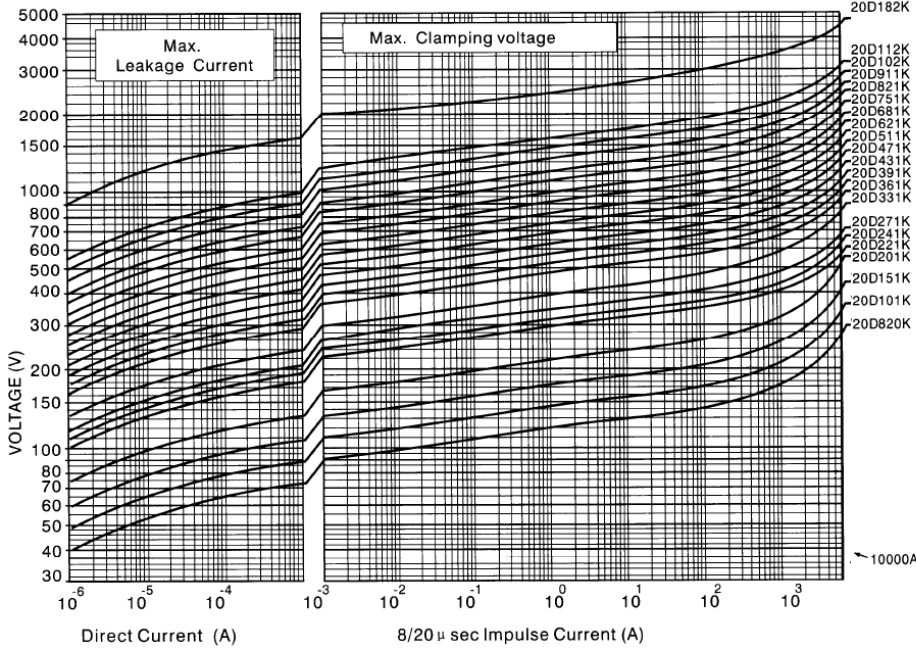
V-I Curve



Impulse Lifetime Ratings



VCR-20D820K to VCR-20D182K



Impulse Lifetime Ratings

