

## RATING AND CHARACTERISTICS

φ 20 mm

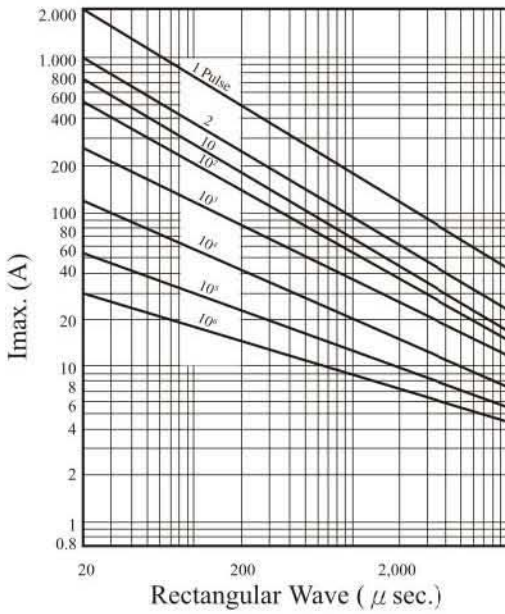
Part Number	Varistor Voltage V@1 mA		Maximum Allowable Voltage		Maximum Clamping Voltage	Withstanding Surge Current (8/20 μs)		Rated Wattage (W)	Energy (10/1000 μs) (J)	Certification (ref to page 12)			
	DC (V)	Tolerance	ACrms (V)	DC (V)	V@100A (V)	1 Time (A)	2 Times (A)						
JVR20N180M11□△△	18	± 20%	11	14	• <sup>1)</sup> 36	2000	1000	0.2	7.0	☆ ☆			
JVR20N220M11□△△	22		14	18	• 43				8.0	☆ ☆			
JVR20N270M11□△△	27		17	22	• 53				10.0	☆ ☆			
JVR20N330M11□△△	33		20	26	• 65				12.0	☆ ☆			
JVR20N390L11□△△	39	± 15%	25	31	• 77				6500	4000	1.0	14.0	☆ ☆
JVR20N470L11□△△	47		30	38	• 93							17.0	☆ ☆
JVR20N560L11□△△	56		35	45	• 110							20.0	☆ ☆
JVR20N680L11□△△	68		40	56	• 135							24.0	☆ ☆
JVR20N820K11□△△	82	± 10%	50	65	135	6500	4000	1.0				44.0	☆ ☆
JVR20N101K11□△△	100		60	85	165							56.0	☆ ☆
JVR20N121K11□△△	120		75	100	200							64.0	☆ ☆
JVR20N151K11□△△	150		95	125	250							88.0	☆ ☆
JVR20N181K11□△△	180		115	150	300							104.0	☆ ☆
JVR20N201K11□△△	200		130	170	340							114.0	★ ☆ ☆ ☆
JVR20N221K11□△△	220		140	180	360							124.0	★ ☆ ☆ ☆
JVR20N241K11□△△	240		150	200	395							134.0	★ ☆ ☆ ☆
JVR20N271K11□△△	270		175	225	455							158.0	★ ☆ ☆ ☆
JVR20N301K11□△△	300		195	250	505							168.0	★ ☆ ☆ ☆
JVR20N331K11□△△	330		210	275	550							184.0	★ ☆ ☆ ☆
JVR20N361K11□△△	360		230	300	595							208.0	★ ☆ ☆ ☆
JVR20N391K11□△△	390		250	320	650							240.0	★ ☆ ☆ ☆
JVR20N431K11□△△	430		275	350	710							264.0	★ ☆ ☆ ☆
JVR20N471K11□△△	470		300	385	775							280.0	★ ☆ ☆ ☆
JVR20N511K11□△△	510		320	418	842							296.0	★ ☆ ☆ ☆
JVR20N561K11□△△	560		350	460	920							312.0	★ ☆ ☆ ☆
JVR20N621K11□△△	620		385	505	1025							328.0	★ ☆ ☆ ☆
JVR20N681K11□△△	680		420	560	1120							344.0	★ ☆ ☆ ☆
JVR20N751K11□△△	750		460	615	1240							360.0	★ ☆ ☆ ☆
JVR20N781K11□△△	780		485	640	1290				368.0	★ ☆ ☆ ☆			
JVR20N821K11□△△	820		510	670	1355				376.0	★ ☆ ☆ ☆			
JVR20N911K11□△△	910		550	745	1500				408.0	★ ☆ ☆ ☆			
JVR20N102K11□△△	1000		625	825	1650				448.0	★ ☆ ☆ ☆			
JVR20N112K11□△△	1100	680	895	1815	496.0	★ ☆ ☆ ☆							
JVR20N182K11□△△	1800	1000	1465	2970	695.0								

1) The clamping voltage from 180M to 680L are tested with current 20A.

- : Lead Style  
 Y: vertical kink (standard)  
 P: straight leads  
 △△ : Lead Length / Packing Method

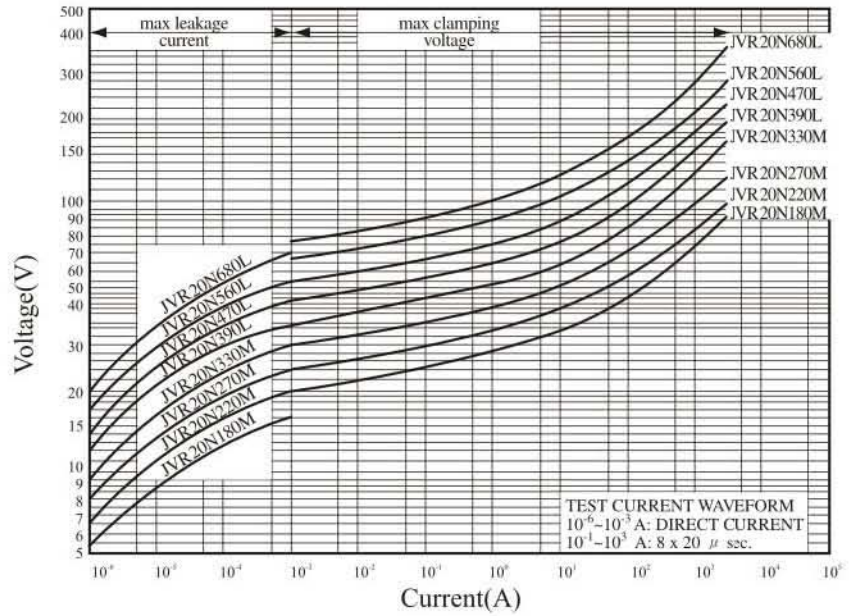
**PULSE LIFETIME RATINGS - 20 φ**

**JVR20N180M ~ JVR20N680L**

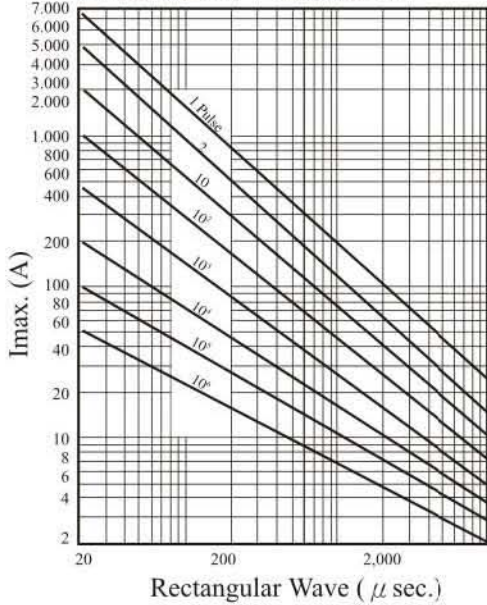


**V-I CHARACTERISTIC CURVE - 20 φ**

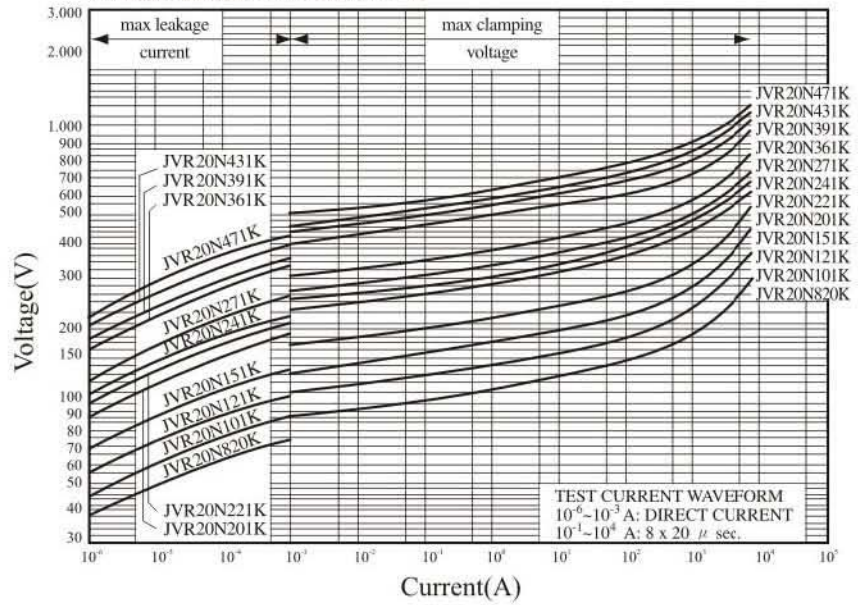
**JVR20N180M~JVR20N680L**



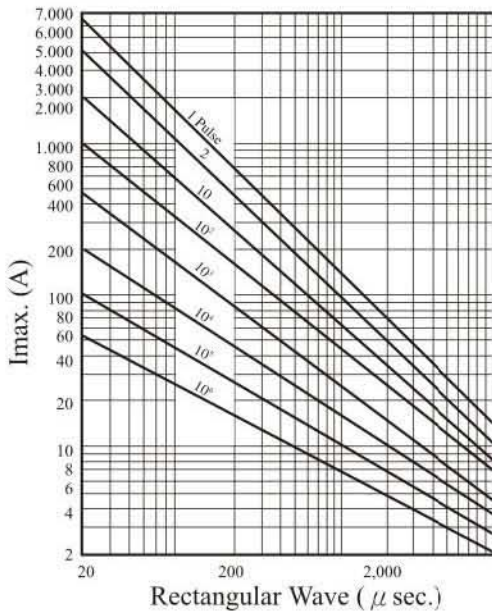
**JVR20N820K~JVR20N471K**



**JVR20N820K~JVR20N471K**



**JVR20N511K~JVR20N182K**



**JVR20N561K~JVR20N182K**

