


RATING AND CHARACTERISTICS

φ 20 mm

Part Number	Varistor Voltage V@1.0 mA		Maximum Allowable Voltage		Maximum Clamping Voltage	Withstanding Surge Current (8/20 μs)		Rated Wattage	Energy (10/1000 μs)	Certification (ref to page 12)			
	DC (V)	Tolerance	ACrms (V)	DC (V)	V@100A (V)	1 Time (A)	2 Times (A)	(W)	(J)				
JVR20S180M11□△△	18	± 20%	11	14	• ¹⁾ 36	3000	2000	0.2	13.0	☆ ☆			
JVR20S220M11□△△	22		14	18	• 43				16.0	☆ ☆			
JVR20S270M11□△△	27		17	22	• 53				19.0	☆ ☆			
JVR20S330M11□△△	33		20	26	• 65				24.0	☆ ☆			
JVR20S390L11□△△	39	± 15%	25	31	• 77				10000	6500	1.0	28.0	☆ ☆
JVR20S470L11□△△	47		30	38	• 93							34.0	☆ ☆
JVR20S560L11□△△	56		35	45	• 110							41.0	☆ ☆
JVR20S680L11□△△	68		40	56	• 135							49.0	☆ ☆
JVR20S820K11□△△	82	± 10%	50	65	135	10000	6500	1.0				56.0	☆ ☆
JVR20S101K11□△△	100		60	85	165							72.0	☆ ☆
JVR20S121K11□△△	120		75	100	200							88.0	☆ ☆
JVR20S151K11□△△	150		95	125	250							106.0	☆ ☆
JVR20S181K11□△△	180		115	150	300							130.0	☆ ☆
JVR20S201K11□△△	200		130	170	340							140.0	★ ☆ ☆ ☆
JVR20S221K11□△△	220		140	180	360							155.0	★ ☆ ☆ ☆
JVR20S241K11□△△	240		150	200	395							168.0	★ ☆ ☆ ☆
JVR20S271K11□△△	270		175	225	455							190.0	★ ☆ ☆ ☆
JVR20S301K11□△△	300		195	250	505							210.0	★ ☆ ☆ ☆
JVR20S331K11□△△	330		210	275	550							228.0	★ ☆ ☆ ☆
JVR20S361K11□△△	360		230	300	595							255.0	★ ☆ ☆ ☆
JVR20S391K11□△△	390		250	320	650							275.0	★ ☆ ☆ ☆
JVR20S431K11□△△	430		275	350	710							303.0	★ ☆ ☆ ☆
JVR20S471K11□△△	470		300	385	775							350.0	★ ☆ ☆ ☆
JVR20S511K11□△△	510		320	418	842							382.0	★ ☆ ☆ ☆
JVR20S561K11□△△	560		350	460	920							410.0	★ ☆ ☆ ☆
JVR20S621K11□△△	620		385	505	1025							420.0	★ ☆ ☆ ☆
JVR20S681K11□△△	680		420	560	1120							430.0	★ ☆ ☆ ☆
JVR20S751K11□△△	750		460	615	1240							440.0	★ ☆ ☆ ☆
JVR20S781K11□△△	780		485	640	1290				450.0	★ ☆ ☆ ☆			
JVR20S821K11□△△	820		510	670	1355				460.0	★ ☆ ☆ ☆			
JVR20S911K11□△△	910		550	745	1500				510.0	★ ☆ ☆ ☆			
JVR20S102K11□△△	1000		625	825	1650				566.0	★ ☆ ☆ ☆			
JVR20S112K11□△△	1100	680	895	1815	620.0	★ ☆ ☆ ☆							

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

□ : Lead Style

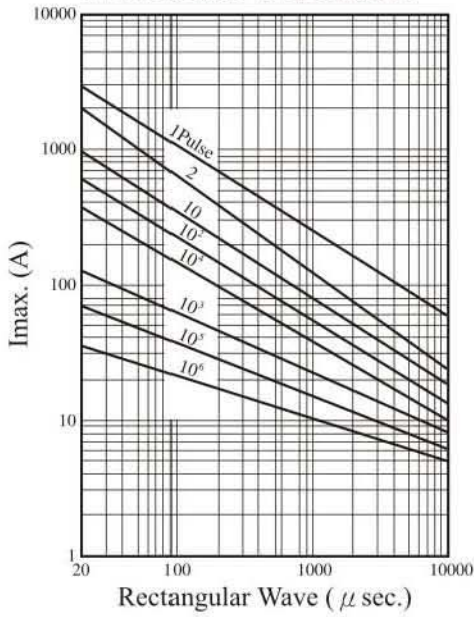
Y: vertical kink (standard)

P: straight leads

△△ : Lead Length / Packing Method

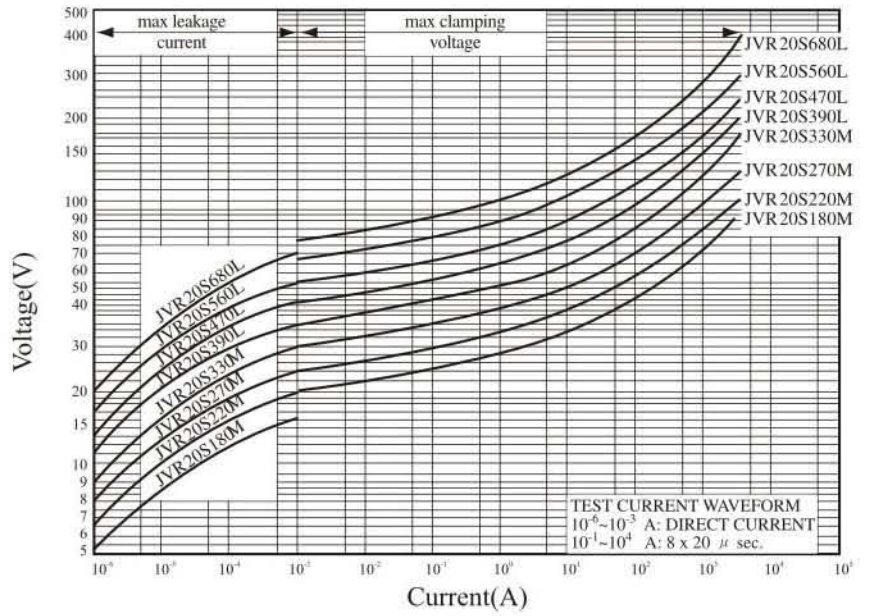
PULSE LIFETIME RATINGS - 20 ϕ

JVR20S180M~JVR20S680L

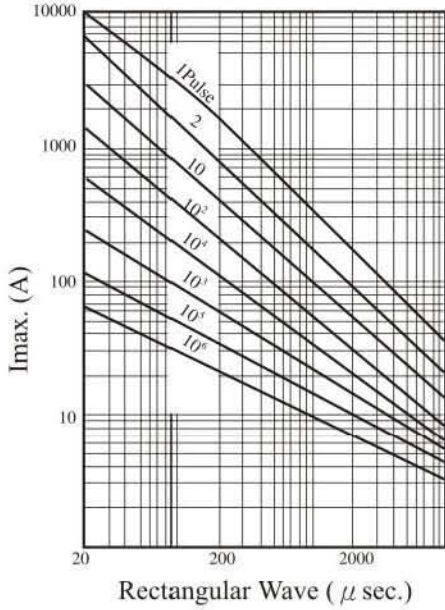


V-I CHARACTERISTIC CURVE - 20 ϕ

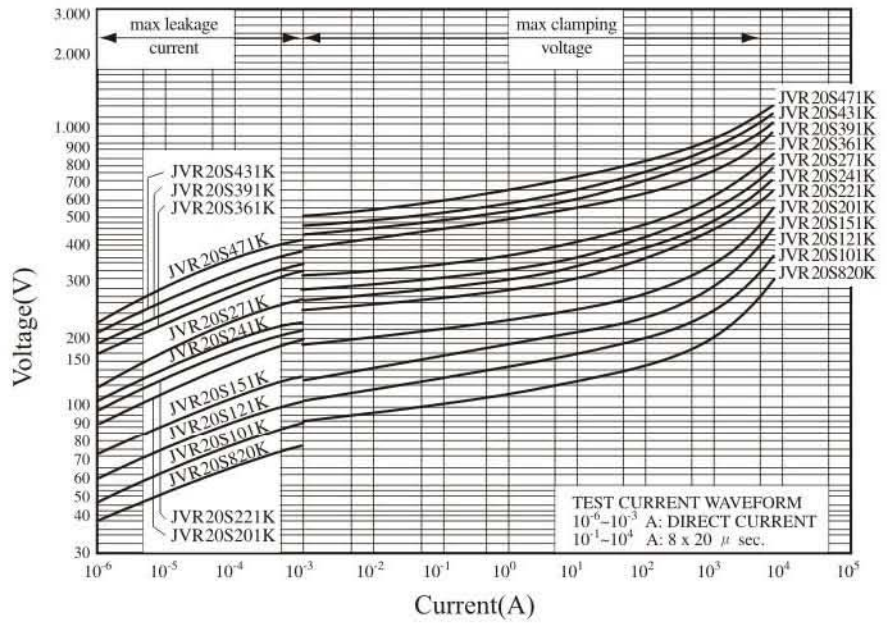
JVR20S180M~JVR20S680L



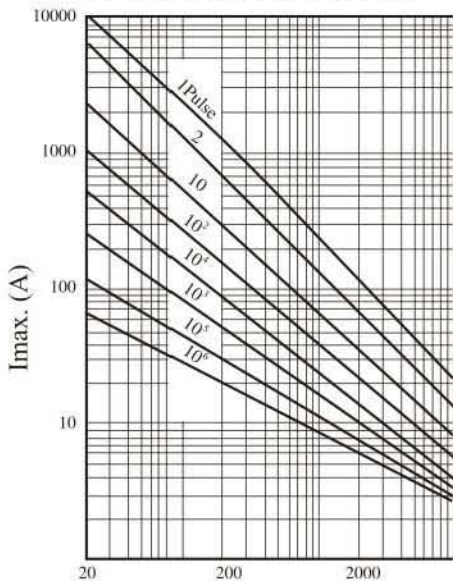
JVR20S820K~JVR20S471K



JVR20S820K~JVR20S471K



JVR20S511K~JVR20S112K



JVR20S561K~JVR20S112K

