





## RATING AND CHARACTERISTICS

## Ultra Surge Varistor - 14mm

Ordering Code	Varistor Voltage at 1 mA		Maximum Allowable Voltage		Maximum Clamping Voltage	Withstanding Surge Current (8/20 $\mu$ s)		Rated Wattage	Energy (10/1000 $\mu$ s)	Certification (ref to p.20)
	DC (V)	Tolerance	Ac rms (V)	DC (V)	V@50A (V)	1 Time (A)	2 Times (A)	(W)	(J)	
JV◇14U201K87□△△	200	± 10%	130	170	340	6500	6000	0.6	84	☆ ★
JV◇14U221K87□△△	220		140	180	360				93	☆ ★
JV◇14U241K87□△△	240		150	200	395				101	☆ ★

## RATING AND CHARACTERISTICS

## Ultra Surge Varistor - 20mm

Ordering Code	Varistor Voltage at 1 mA		Maximum Allowable Voltage		Maximum Clamping Voltage	Withstanding Surge Current (8/20 $\mu$ s)		Rated Wattage	Energy (10/1000 $\mu$ s)	Certification (ref to p.20)
	DC (V)	Tolerance	Ac rms (V)	DC (V)	V@100A (V)	1 Time (A)	2 Times (A)	(W)	(J)	
JV◇20U201K11□△△	200	± 10%	130	170	340	12500	10000	1.0	168	☆ ★
JV◇20U221K11□△△	220		140	180	360				186	☆ ★
JV◇20U241K11□△△	240		150	200	395				202	☆ ★

For application required ratings not shown, contact Joyin application engineering.

◇ : R=RoHS, H=RoHS+Halogen free +Non flammable

□ : Lead Style ( Y=Vertical kink, P=Straight )

△△ : Lead Length & Packaging (see p.18)