



**Electrical Characteristics**

Type No.	Maximum Allowable Voltage		Varistor Voltage V /1mA		Maximum Clamping Voltage	Withstanding Surge Current		Rated Wattage	Energy 10/1000us	Certification
	ACrms (V)	DC (V)	(V)	Tolerance	V@100A (V)	1 Time (A)	2 Times (A)	(W)	(J)	
20N220M	14	18	22	±20%	43	2000	1000	0.2	8.0	

The clamping voltage from 180M to 680L are tested at current 20A.

Material of coating : Epoxy powder (Halogen free)

Color of coating : Yellowish brown

Storage condition Temperature: -40 ~125 / Humidity : 75%RH max. Status

Operation temperature range(18V~150V) : -40 to 85

Operation temperature range(180V~1800V) : -40 to 125

Lead style :

- P : Straight type
- Y : Kink type
- I : Inside kink type
- E : Outside kink type



**DIMENSION :**

( Unit : mm )

Type No.	D max.	T max.	L1 min	F±1.0	d±0.05	H1 max
20N220M	23.0	5.3	25.0	10.0	1.0	26.5