



**Electrical Characteristics**

Type No.	Maximum Allowable Voltage		Varistor Voltage V /0.1mA		Maximum Clamping Voltage V@5A (V)	Withstanding Surge Current		Rated Wattage (W)	Energy 10/1000us (J)	Certification
	ACrms (V)	DC (V)	(V)	Tolerance		1 Time (A)	2 Times (A)			
5N220L	14	18	22	±15%	※48	100	50	0.01	0.7	☆ ★

※The clamping voltage from 080P to 680K are tested at current 1A.

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 °C

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

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
5N220L	7.5	4.5	25.0	5.0	0.6	10.5