




Electrical Characteristics

Type No.	Maximum Allowable Voltage		Varistor Voltage V /1mA		Maximum Clamping Voltage V@10A (V)	Withstanding Surge Current		Rated Wattage (W)	Energy 10/1000us (J)	Certification
	ACrms (V)	DC (V)	(V)	Tolerance		1 Time (A)	2 Times (A)			
7N681K	420	560	680	±10%	1120	1200	600	0.25	43.0	 ☆ ★ ★

※The clamping voltage from 080P to 680K are tested at current 2.5A.

Material of coating : Epoxy powder

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
7N681K	9.0	7.5	25.0	5.0	0.6	13.0