

# Inductors & Filters

## D-07 Series Zinc Oxide Varistors

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part No.	Product No.	Manufacturer	Description	Energy (2ms)(J)	Max. Vm(ac)	Max. Vm(dc)	Max. Clamping V/10A	Rated Watt.(W)	Varistor Volt.(V1mA)
4034	SAS-201KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	18.0	130	170	340	0.25	200V1mA±10%
4036	SAS-221KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	20.0	140	180	360	0.25	220V1mA±10%
4038	SAS-241KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	20.0	150	200	395	0.25	240V1mA±10%
3999	SAS-270KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	2	17	22	53	0.02	27V1mA±10%
2022	SAS-301KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	25	190	250	455	0.25	300V1mA±10%
4000	SAS-330KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	2.5	20	26	65	0.02	33V1mA±10%
13201	SAS-390KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	3	25	31	77	0.02	39(35-73)
4042	SAS-391KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	33.0	250	320	650	0.25	390V1mA±10%
4041	SAS-431KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	36.0	275	350	710	0.25	430V1mA±10%
4043	SAS-470KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	3.6	30	38	*93	0.02	47V1mA±10%
4044	SAS-471KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	40.0	300	385	775	0.25	470V1mA±10%
40554	SAS-560KD07	SAS-MOV	D-07 Series Zinc Oxide Varistors	6.0	35V	45V	110	0.02W	56
917	SAS-680KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	5.2	40	56	135	0.02	
4045	SAS-681KD07	SAS-MOV	SAS_D-07 Series Zinc Oxide Varistors	44.0	420	560	1120	0.25	680V1mA±10%

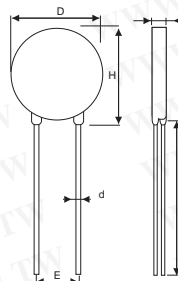
## D-10 Series Zinc Oxide Varistors

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### FEATURES

- Wide operating voltage (V1mA) range from 8V to 1800V.
- Fast responding to transient over-voltage
- Large absorbing transient energy capability
- Low clamping ratio and no following-on current.



PART CODE	T MAX.	L MIN.	D MAX.	H MAX.	d ±0.05	E ±0.8
820K	4.1	20	9	12	0.6	5

### APPLICATION

- Transistor, diode, IC, thyristor or triac semiconductor protection
- Surge protection in consumer electronics
- Surge protection in industrial electronics
- Surge protection in electronic home applications, gas and petroleum appliances
- Relay and electromagnetic valve surge absorption

Part No.	Product No.	Description	Energy (2ms)(J)	Rated Watt.(W)	Varistor Volt.(V1mA)
39356	BK-820KD10	D-10 series zinc oxide varistor	82V100A±10% 8200W	8200	82



### FEATURES:

- Fast response
- Excellent voltage ratio
- High stabilization for circuit voltage
- Unparalleled absorption for transient voltage characteristics
- Bilateral and symmetrical V-I characteristics curve

### APPLICATIONS

- Surge protection in consumer electronics
  - industrial electronics
  - telephone and telecommunication systems
  - automobile equipments
  - measuring and controller systems
  - electronic home applications
- Absorption of switching surge from various kinds of relays and electro-magnetic valves.
- Electrostatic discharge and spike noise suppression
- Protection of various kinds of transistors, diodes, ICs, thyristors, triac semiconductors, and etc

Part No.	Product No.	Description	Energy (2ms)(J)	Max. Vm(ac)	Max. Vm(dc)	Max. Clamping V/25A	Rated Watt.(W)	Varistor Volt.(V1mA)
41551	CNR-10D12K	METAL OXIDE VARISTOR	7.8	75V	100V	200V	0.25W	120Vdc
41553	CNR-10D361K	METAL OXIDE VARISTOR	47.0	230V	230V	595V	0.40W	360Vdc
41554	CNR-10D431K	METAL OXIDE VARISTOR	65.0	275V	350V	710V	0.40W	430Vdc
41555	CNR-10D681K	METAL OXIDE VARISTOR	70.0	420V	560V	1120V	0.40W	680Vdc



Part No.	Product No.	Manufacturer	Description	Energy (2ms)(J)	Max. Vm(ac)	Max. Vm(dc)	Max. Clamping V/25A	Rated Watt.(W)	Varistor Volt.(V1mA)
4074	SAS-101KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	13.0	60	85	165	0.4	100V1mA±10%
4093	SAS-201KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	30.0	130	170	340	0.4	200V1mA±10%
4094	SAS-220KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	3.2	14	18	*43	0.05	22V1mA±10%
1769	SAS-221KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	33.0	140	180	360	0.4	220V1mA±10%
4097	SAS-241KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	36.0	150	200	395	0.4	240V1mA±10%
4098	SAS-270KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	4.3	17	22	*53	0.05	27V1mA±10%
4100	SAS-271KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	41.0	175	225	455	0.4	270V1mA±10%
4102	SAS-301KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	45.0	190	250	500	0.4	300V1mA±10%
4104	SAS-330KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	5.3	20	26	*65	0.05	33V1mA±10%
3848	SAS-431KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	52.0	275	350	710	0.4	430V1mA±10%
4105	SAS-470KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	7.7	30	38	*93	0.05	47V1mA±10%
4107	SAS-471KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	71.0	300	385	775	0.4	470V1mA±10%
4108	SAS-680KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	11.0	40	56	*135	0.05	68V1mA±10%
2020	SAS-681KD10	SAS-MOV	D-10 Series Zinc Oxide Varistors	73	420	560	1120	0.4	680V1mA±10%



SAS-681KD10



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