

Inductors & Filters

D-20 Series Zinc Oxide Varistors

Detailed product specifications are available on: us.100y.com.tw

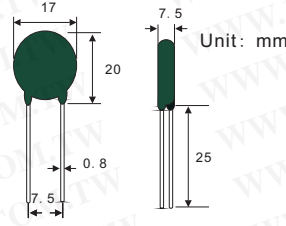


Part No.	Maximum allowable voltage		Energy 10/1000µS (J)	Withstanding surge current 8/20µs (A)		Rated Wattage (W)
	ACrms (V)	DC (V)		1 time	2 time	
	431KD20	275	350	196.0	6500	
471KD20	300	385	210.0	6500	4000	1.0
560KD20	35	45	19.6	2000	1000	0.2
561KD20	350	460	210.0	6500	4000	1.0
820KD20	50	65	37.8	6500	4000	1.0

Part No.	Product No.	Manufacturer	Description	Energy (2ms)(J)	Max. Vm(ac)	Max. Vm(dc)	Max. Clamping V/100A	Rated Watt.(W)	Varistor Volt.(VmA)
4032	SAS-101KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	30	60	85	165	1.0	100VmA±10%
14208	SAS-102KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	200	625V	825V	1650V	1W	900-1100V
4030	SAS-201KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	70	130	170	340	1.0	200VmA±10%
4029	SAS-241KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	80	150	200	395	1.0	240VmA±10%
4028	SAS-271KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	90	175	225	455	1.0	270VmA±10%
4025	SAS-331KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	100	210	275	550	1.0	330VmA±10%
4027	SAS-361KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	120	230	300	595	1.0	360VmA±10%
14210	SAS-391KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	130	250	320	650	1	390
4024	SAS-431KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	140	275	350	710	1.0	430VmA±10%
4026	SAS-471KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	150	300	385	775	1.0	470VmA±10%
17113	SAS-560KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	14.0	35	45	110	0.2W	56
17133	SAS-561KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	150	350	460	920	1W	560
13675	SAS-82KD20	SAS-MOV	D-20 Series Zinc Oxide Varistors	6500A	50V	65V	135V	1W	82(74-90)

TNR G-Series Zinc Oxide Varistors

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CHARACTERISTICS

- Standard atmospheric conditions
Unless otherwise specified the standard atmospheric conditions for making measurement is as follows
Ambient temperature: 20±15°C
Relative humidity: 65±20%RH
If there is any doubt about the results, measurement shall be made within the following limits.
Ambient temperature: 20±5°C
Relative humidity: 65±20%RH
- Operating temperature range
minimum operating temperature: -40°C to +85°C
- Storage temperature range
minimum storage temperature: -50°C to +125°C

Part No.	Product No.	Manufacturer	Description	Max. Vm(ac)	Max. Vm(dc)	Energy (2ms)(J)	Rated Watt.(W)	Max. Clamping V/A	Varistor Volt.(VmA)
50617	TNR12G101K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	60Vac	85Vdc	10J	0.4W	165V/25A	100V
50612	TNR12G220K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	14Vac	18Vdc	2.5J	0.05W	43V/5A	22V
50618	TNR12G221K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	140Vac	180Vdc	25J	0.4W	360V/25A	220V
50619	TNR12G241K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	150Vac	200Vdc	25J	0.4W	390V/25A	240V
50620	TNR12G271K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	175Vac	225Vdc	30J	0.4W	440V/25A	270V
50613	TNR12G330K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	20Vac	26Vdc	3.0J	1.5W	65V/5A	33V
50621	TNR12G331K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	210Vac	270Vdc	35J	0.4W	540V/25A	330V
50614	TNR12G390K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	25Vac	30Vdc	3.5J	0.05W	77V/5A	39V
50622	TNR12G391K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	250Vac	320Vdc	40J	0.4W	640V/25A	390V
50623	TNR12G431K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	275Vac	350Vdc	45J	0.4W	700V/25A	430V
50624	TNR12G471K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	300Vac	385Vdc	45J	0.4W	765V/25A	470V
50615	TNR12G560K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	35Vac	44Vdc	5.5J	0.05W	110V/5A	56V
50616	TNR12G820K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	50Vac	65Vdc	8J	0.4W	135V/25A	82V
50576	TNR15G101K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	60Vac	85Vdc	20J	0.6W	165V/50A	100V
50593	TNR15G102K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	625Vac	825Vdc	130J	0.6W	1630V/50A	1000V
50577	TNR15G121K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	75Vac	100Vdc	20J	0.6W	195V/50A	120V
50594	TNR15G122K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	720Vac	980Vdc	150J	0.6W	1950V/50A	1200V
50568	TNR15G150K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	8Vdc	12Vdc	5J	0.1W	30V/10A	15V
50578	TNR15G151K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	95Vac	125Vdc	25J	0.6W	245V/50A	150V
50579	TNR15G181K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	110Vac	145Vdc	30J	0.6W	295V/50A	180V
50595	TNR15G182K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	1000Vac	1465Vdc	170J	0.6W	2970V/50A	1800V
50580	TNR15G201K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	130Vac	170Vdc	35J	0.6W	330V/50A	200V
50569	TNR15G220K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	14Vac	18Vdc	5J	0.1W	43V/10A	22V
50581	TNR15G221K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	140Vac	180Vdc	40J	0.6W	360V/50A	220V
50310	TNR15G241K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	150VACrms	200VDC	45J	0.6W	390V/50A	240
50570	TNR15G270K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	17Vac	22Vdc	5J	0.1W	53V/10A	27V
50582	TNR15G271K	NIPPON CHEMI-CON	Metal_Oxide_Varistors_TNR_G	175Vac	225Vdc	50J	0.6W	440V/50A	270V

