



压敏电阻 INC OXIDE VARISTORS

25
26

PRODUCT CODE

ZVR 20 D 471 K L 8 B 0 A0

Part code:

Part: ZVR

Size code:

Code	Diameter of ceramic body (mm)	Product diameter (max)
05	5mm±0.5mm	7.0 mm
07	7mm±0.5mm	9.0 mm
10	10mm±0.5mm	12.5mm
14	14mm±0.5mm	16.5mm
20	20mm±0.5mm	22.5mm
08	8mm±0.5mm	10.5mm
11	11mm±0.5mm	13.5mm
12	12mm±0.5mm	14.5mm
16	16mm±0.5mm	18.5mm
18	18mm±0.5mm	20.5mm

Note: 08、11、12、16、18 is
Non-standard specifications
12S=12*12 mm、17S=17*17 mm
is Non-standard square specifications

Shape code:

Shape D: Disc shape for genera
Shape S: Non-standard square

Nominal varistor voltage:

The First Two Figures Are Significant Digits And The Third
Figure Expresses The Number Of Zeros Which Follow The
Two Numbers.
For Example: 180: 18, 471: 470, 102: 1000

Varistor voltage tolerance:

J=±5%
K=±10%
M=20%

Lead style:

L、J、K、P、C、B

Use or request:

A0-No special requirements
A1-Mark product with years and weeks
D0-Add thermoplastic casing
D1-Add thermoplastic casing and mark product
with years and weeks
C1-Special coating color and mark product with years
and weeks
C2-Special mark and mark product with years and weeks
Note: When the product code of the bottom, there no. 17 "J",
indicates that the product has high joule requirements.

Lead spacing:

5=5.0±0.5mm, 6=6.5±0.5mm
7=7.5±0.5mm 8=8.5±0.5mm
9=9.5±0.5mm 0=10.5±0.5mm
1=11.5±0.5mm 2=12.5±0.5mm
3=15.0±0.5mm 4=5.0±0.3mm
J=7.5±0.3mm
Note: All of the lead spacing, according to the product of
two lead the diagonal distance as measurement standards

Lead length/packaging method:

3=3.5±0.5mm 4=4.0±0.5mm
5=5.0±0.5mm 6=6.0±0.5mm
7=7.0±0.5mm 8=8.0±1.0mm
9=9.0±1.0mm 0=10.0±1.0mm
B=26.0±1.0mm (The above for bulk packing)
F=F style tape/folding R=F style tape/reel
U=U style tape/folding r=U style tape/reel
V=V style tape/folding G=V style tape/reel
Y=Y style tape/folding g=Y style tape/reel

Lead diameter:

CP lead:
5=0.5±0.04mm 6=0.6±0.04mm
7=0.65±0.04mm 8=0.78±0.05mm
0=1.00±0.08mm

CU lead:
A=0.48±0.05mm C=0.65±0.05mm
D=0.80±0.05mm E=0.58±0.02mm
F=1.00±0.08mm



压敏电阻器

INC OXIDE VARISTOR

20D压敏电阻器额定值

20D ZINC OXIDE VARISTOR PARAMETER

型号规格 Part No.	压敏电压 Varistor voltage	最大允许 工作电压 Maximum operating voltage		最大限制 电压 Maximum clamping voltage		通流容量 Withstanding surge current 8/20 μ S (A)		额定功率 Rated power	能量耐量 Energy		脉冲电流 Pulse current I _n (A)			电容量 (参考值) Capacitance (reference)
	V (V)	AC (V)	DC (V)	V _c (V)	I _p (A)	1 time	2 time	W	2ms (J)	10/1000 μ S	2mS	10/1000 μ S	8/20 μ S	C (pF)
ZVR20D180	18	11	14	36	20	3000	2000	0.2	110.0	13.0	125	175	1000	37000
ZVR20D220	22	14	18	43					13.0	16.0				30000
ZVR20D270	27	17	22	53					15.0	19.0				22000
ZVR20D330	33	20	26	65					20.0	24.0				17000
ZVR20D390	39	25	31	77					24.0	28.0				15000
ZVR20D470	47	30	38	93					30.0	34.0				13000
ZVR20D560	56	35	45	110					35.0	41.0				11000
ZVR20D680	68	40	56	135					40.0	49.0				7000
ZVR20D820	82	50	65	135	100	10000	7000	1.0	27.0	56.0	100	140	3000	5500
ZVR20D101	100	60	85	165					30.0	70.0				4800
ZVR20D121	120	75	100	200					40.0	85.0				3800
ZVR20D151	150	95	125	250					50.0	106.0				3000
ZVR20D181	180	114	150	305					62.0	120.0				2500
ZVR20D201	200	130	170	340					70.0	140.0				2000
ZVR20D221	220	140	180	360					75.0	155.0				2000
ZVR20D241	240	150	200	395					80.0	168.0				1800
ZVR20D271	270	175	225	455					90.0	190.0				1600
ZVR20D301	300	190	250	505					100.0	200.0				1400
ZVR20D331	330	210	270	545					110.0	228.0				1400
ZVR20D361	360	230	300	595					120.0	255.0				1200
ZVR20D391	390	250	320	650					130.0	275.0				1000
ZVR20D431	430	275	350	710					140.0	303.0				900
ZVR20D471	470	300	385	775					150.0	350.0				900
ZVR20D511	510	324	426	840		7500	6500		150.0	382.0	80	112		700
ZVR20D561	560	356	468	925					150.0	382.0				700
ZVR20D621	620	385	505	1025					150.0	382.0				500
ZVR20D681	680	420	560	1120					160.0	382.0				460
ZVR20D751	750	460	615	1240					175.0	420.0				420
ZVR20D781	780	485	640	1290					180.0	420.0				420
ZVR20D821	820	510	670	1355					190.0	460.0				400
ZVR20D911	910	550	745	1500					215.0	510.0				350
ZVR20D102	1000	625	825	1650					230.0	565.0				320
ZVR20D112	1100	680	895	1815					250.0	620.0				300
ZVR20D182	1800	1000	1465	2970					400.0	1020.0				200