PRODUCT CODE

ZVR 10 D 471 K L 8 B 7 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

10D 压敏电阻器额定值
10D 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 8/20μS (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)	Vc (V)	Ip (A)	1 time	2 time	W	2ms (J)	10/1000 μS	2mS	10/1000 μS	8/20 μS	C (pF)
ZVR10D180	18	11	14	36	5	1000	500	0.05	1.5	2.6	17	23.8	250	7500
ZVR10D220	22	14	18	43					2.0	3.2				6000
ZVR10D270	27	17	22	53					2.5	3.9				4000
ZVR10D330	33	20	26	65					3.0	4.8				3000
ZVR10D390	39	25	31	77					3.5	5.6				2600
ZVR10D470	47	30	38	93					4.5	6.8				2200
ZVR10D560	56	35	45	110					5.5	8.1				1800
ZVR10D680	68	40	56	135					6.5	9.8				1300
ZVR10D820	82	50	65	135	25	3500	2500	0.4	8.0	14.0	30	42	1000	1800
ZVR10D101	100	60	85	165					10.0	17.0				1400
ZVR10D121	120	75	100	200					12.0	20.0				1100
ZVR10D151	150	95	125	250					16.0	25.0				900
ZVR10D181	180	114	150	305					18.4	30.0				560
ZVR10D201	200	130	170	340					20.0	35.0				500
ZVR10D221	220	140	180	360					23.0	39.0				450
ZVR10D241	240	150	200	395					25.0	42.0				400
ZVR10D271	270	175	225	455					30.0	49.0				350
ZVR10D301	300	190	250	505					32.0	53.0				330
ZVR10D331	330	210	276	545					34.0	58.0				325
ZVR10D361	360	230	300	595					35.0	65.0				300
ZVR10D391	390	250	320	650					40.0	70.0				270
ZVR10D431	430	275	350	710					45.0	80.0				250
ZVR10D471	470	300	385	775					45.0	85.0				230
ZVR10D511	510	324	426	840					45.0	92.0	18	25.2		230
ZVR10D561	560	356	468	925					45.0	92.0				200
ZVR10D621	620	385	505	1025					45.0	92.0				180
ZVR10D681	680	420	565	1120					45.0	92.0				130
ZVR10D751	750	460	615	1240					50.0	100.0				120
ZVR10D781	780	485	640	1290					50.0	100.0				120
ZVR10D821	820	510	670	1355					55.0	110.0				110
ZVR10D911	910	550	745	1500					60.0	130.0				100
ZVR10D102	1000	625	825	1650					65.0	140.0				90
ZVR10D112	1100	680	895	1815					70.0	155.0				80