



# METAL OXIDE VARISTORS

Transient/surge absorbers  
Transient voltage surge suppressors

## ● 14D series

Part Number	Maximum Allowable Voltage		Varistor Voltage V 1mA	Clamping voltage (MAX.)		Maximum Peak current (8/20µs)(A)		Maximum Energy (JOULE)		Rated Power W	Typical Capacitance (Reference) @ 1KHz(pF)		
	Acrms (V)	DC (V)		VC(v)	IP(A)	1time	2 times	10/1000 µs	2ms				
VCR-14D180L	10	14	18(14.4-21.6)	36	10	1000	500	4.0	3.5	0.10	11100	*	
VCR-14D220K	14	18	22(20 -24)	43	10	1000	500	5.0	4.0	0.10	9100	*	
VCR-14D270K	17	22	27(24 -30)	53	10	1000	500	6.0	5.0	0.10	7400	*	
VCR-14D330K	20	26	33(30 -36)	65	10	1000	500	7.5	6.0	0.10	6100	*	
VCR-14D390K	25	31	39(35 - 43)	77	10	1000	500	8.6	7.0	0.10	5100	*	
VCR-14D470K	30	38	47(42 - 52)	93	10	1000	500	10.0	8.5	0.10	4300	*	
VCR-14D560K	35	45	56(50 - 62)	110	10	1000	500	11.0	10.0	0.10	3600	*	
VCR-14D680K	40	56	68(61 - 75)	135	10	1000	500	14.0	12.0	0.10	2900	*	
VCR-14D820K	50	65	82(74 - 90)	135	50	4500	2500	22.0	14.0	0.60	2400	*	
VCR-14D101K	60	85	100(90 - 110)	165	50	4500	2500	28.0	18.0	0.60	2000	*	
VCR-14D121K	75	100	120(108 - 132)	200	50	4500	2500	32.0	20.0	0.60	2700	*	
VCR-14D151K	95	125	150(135 - 165)	250	50	4500	2500	40.0	25.0	0.60	1300	*	
VCR-14D181K	115	150	180(162 - 198)	300	50	4500	2500	50.0	30.0	0.60	1100	*	
VCR-14D201K	130	170	200(185 - 225)	340	50	4500	2500	57.0	35.0	0.60	1000	*	*
VCR-14D221K	140	180	220(198 - 242)	360	50	4500	2500	60.0	40.0	0.60	900	*	*
VCR-14D241K	150	200	240(216 - 264)	395	50	4500	2500	63.0	40.0	0.60	830	*	*
VCR-14D271K	175	225	270(243 - 297)	455	50	4500	2500	70.0	50.0	0.60	740	*	*
VCR-14D301K	190	250	300(270 - 330)	500	50	4500	2500	77.0	52.0	0.60	670	*	*
VCR-14D331K	210	275	330(297 - 363)	550	50	4500	2500	85.0	64.0	0.60	610	*	*
VCR-14D361K	230	300	360(324 - 396)	595	50	4500	2500	93.0	65.0	0.60	560	*	*
VCR-14D391K	250	320	390(351 - 429)	650	50	4500	2500	100.0	70.0	0.60	510	*	*
VCR-14D431K	275	350	430(387 - 473)	710	50	4500	2500	115.0	75.0	0.60	460	*	*
VCR-14D471K	300	385	470(423 - 517)	775	50	4500	2500	125.0	80.0	0.60	430	*	*
VCR-14D511K	320	415	510(459 - 561)	845	50	4500	2500	125.0	80.0	0.60	390	*	*
VCR-14D561K	350	460	560(504 - 616)	925	50	4500	2500	125.0	85.0	0.60	360	*	*
VCR-14D621K	385	505	620(558 - 682)	1025	50	4500	2500	125.0	85.0	0.60	320	*	*
VCR-14D681K	420	560	680(612 - 748)	1120	50	4500	2500	130.0	90.0	0.60	290	*	*
VCR-14D751K	460	615	750(675 - 825)	1240	50	4500	2500	143.0	100.0	0.60	270	*	*
VCR-14D781K	485	640	780(702 - 858)	1290	50	4500	2500	148.0	105.0	0.60	260	*	*
VCR-14D821K	510	670	820(738 - 902)	1355	50	4500	2500	157.0	110.0	0.60	240	*	*
VCR-14D911K	550	745	910(819 - 1001)	1500	50	4500	2500	175.0	120.0	0.60	220	*	*
VCR-14D102K	625	825	1000(900 - 1100)	1650	50	4500	2500	190.0	130.0	0.60	200	*	*
VCR-14D112K	680	895	1100(990 - 1210)	1815	50	4500	2500	213.0	140.0	0.60	180	*	*
VCR-14D182K	1000	1465	1800(1620-1980)	2970	50	4500	2500	337.0	240.0	0.60	130	*	*

# OPERATING TEMPERATURE RANGE: - 40°C TO +85°C

# STORAGE TEMPERATURE RANGE: - 40°C TO +125°C