

# RAYCHEM Metal Oxide Varistors

RoHS Compliant This product is RoHS compliant.

Authorized Distributor

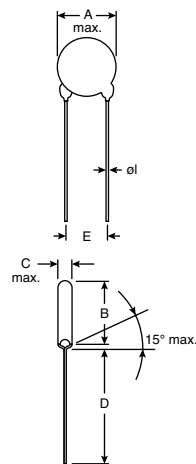
## RAYCHEM VARISTORS (CONT.)

RoHS Compliant

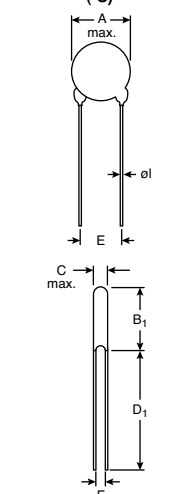
Raychem Varistors

MOUSER STOCK NO.	Raychem Part No.	Voltage					Current		Wattage	Energy (10x 1000µS)	Cap. Typ. (pF)	Price Each		
		@ .1mA		Max.	Max.	Max. Surge	1	2				1	100	500
		VDC	Tol.											
<b>20mm Standard</b>														
650-ROV20-220M-S	ROV20-220M	22	±20%	14	18	43.1	2000	1000	0.2	8	21200			
650-ROV20-201K-S	ROV20-201K	200	±10%	130	170	340	6500	4000	1	114	1829			
650-ROV20-221K-S-2	ROV20-221K	220	±10%	140	180	360	6500	4000	1	124	1600			
650-ROV20-241K-S-2	ROV20-241K	240	±10%	150	200	395	6500	4000	1	134	1422			
650-ROV20-271K-S-2	ROV20-271K	270	±10%	175	225	455	6500	4000	1	158	1261			
650-ROV20-331K-S-2	ROV20-331K	330	±10%	210	275	550	6500	4000	1	184	1106			
650-ROV20-361K-S-2	ROV20-361K	360	±10%	230	300	595	6500	4000	1	208	987			
650-ROV20-391K-S-2	ROV20-391K	390	±10%	250	320	650	6500	4000	1	240	975			
650-ROV20-431K-S-2	ROV20-431K	430	±10%	275	350	710	6500	4000	1	264	858			
650-ROV20-471K-S-2	ROV20-471K	470	±10%	300	385	775	6500	4000	1	280	761			
650-ROV20-511K-S-2	ROV20-511K	510	±10%	320	418	842	6500	4000	1	296	792			
650-ROV20-561K-S-2	ROV20-561K	560	±10%	350	460	920	6500	4000	1	312	679			
<b>5mm H Series, High Surge</b>														
650-ROV05H201K-S-2	ROV05H201K	200	±10%	130	170	355	800	600	0.1	8.5	85			
650-ROV05H221K-S-2	ROV05H221K	220	±10%	140	180	380	800	600	0.1	9	80			
650-ROV05H241K-S-2	ROV05H241K	240	±10%	150	200	415	800	600	0.1	10.5	75			
650-ROV05H301K-S-2	ROV05H301K	300	±10%	195	250	525	800	600	0.1	12	65			
650-ROV05H331K-S-2	ROV05H331K	330	±10%	210	275	575	800	600	0.1	13	60			
650-ROV05H361K-S-2	ROV05H361K	360	±10%	230	300	620	800	600	0.1	16	70			
650-ROV05H391K-S-2	ROV05H391K	390	±10%	250	320	675	800	600	0.1	17	55			
650-ROV05H431K-S-2	ROV05H431K	430	±10%	275	350	745	800	600	0.1	20	45			
650-ROV05H471K-S-2	ROV05H471K	470	±10%	300	385	810	800	600	0.1	21	50			
650-ROV05H511K-S-2	ROV05H511K	510	±10%	320	418	880	800	600	0.1	22	50			
650-ROV05H561K-S-2	ROV05H561K	560	±10%	350	460	940	800	600	0.1	25	50			
<b>7mm H Series, High Surge</b>														
650-ROV07H220L	ROV07H220L	22	±15%	14	18	43.1	500	250	0.02	1.7	2930			
650-ROV07H201K-S-2	ROV07H201K	200	±10%	130	170	340	1750	1250	0.25	17.5	220			
650-ROV07H221K-S-2	ROV07H221K	220	±10%	140	180	360	1750	1250	0.25	19	190			
650-ROV07H241K-S-2	ROV07H241K	240	±10%	150	200	395	1750	1250	0.25	21	190			
650-ROV07H271K-S-2	ROV07H271K	270	±10%	175	225	455	1750	1250	0.25	24	160			
650-ROV07H301K-S-2	ROV07H301K	300	±10%	195	250	505	1750	1250	0.25	26	140			
650-ROV07H331K-S-2	ROV07H331K	330	±10%	210	275	550	1750	1250	0.25	28	140			
650-ROV07H361K-S-2	ROV07H361K	360	±10%	230	300	595	1750	1250	0.25	32	120			
650-ROV07H391K-S-2	ROV07H391K	390	±10%	250	320	650	1750	1250	0.25	35	110			
650-ROV07H431K-S-2	ROV07H431K	430	±10%	275	350	710	1750	1250	0.25	40	110			
650-ROV07H471K-S-2	ROV07H471K	470	±10%	300	385	775	1750	1250	0.25	42	100			
650-ROV07H561K-S-2	ROV07H561K	560	±10%	350	460	920	1750	1250	0.25	51	85			
<b>10mm H Series, High Surge</b>														
650-ROV10H201K-S-2	ROV10H201K	200	±10%	130	170	340	3500	2500	0.4	35	400			
650-ROV10H221K-S-2	ROV10H221K	220	±10%	140	180	360	3500	2500	0.4	39	390			
650-ROV10H241K-S-2	ROV10H241K	240	±10%	150	200	395	3500	2500	0.4	42	330			
650-ROV10H271K-S-2	ROV10H271K	270	±10%	175	225	455	3500	2500	0.4	49	330			
650-ROV10H301K-S-2	ROV10H301K	300	±10%	195	250	505	3500	2500	0.4	52	280			
650-ROV10H331K-S-2	ROV10H331K	330	±10%	210	275	550	3500	2500	0.4	58	280			
650-ROV10H361K-S-2	ROV10H361K	360	±10%	230	300	595	3500	2500	0.4	65	230			
650-ROV10H431K-S-2	ROV10H431K	430	±10%	275	350	710	3500	2500	0.4	80	220			
650-ROV10H471K-S-2	ROV10H471K	470	±10%	300	385	775	3500	2500	0.4	85	210			
650-ROV10H511K-S-2	ROV10H511K	510	±10%	320	418	842	3500	2500	0.4	92	190			
650-ROV10H561K-S-2	ROV10H561K	560	±10%	350	460	920	3500	2500	0.4	102	190			
<b>14mm H Series, High Surge</b>														
650-ROV14H201K-S-2	ROV14H201K	200	±10%	130	170	340	6000	4500	0.6	70	840			
650-ROV14H221K-S-2	ROV14H221K	220	±10%	140	180	360	6000	4500	0.6	78	710			
650-ROV14H241K-S-2	ROV14H241K	240	±10%	150	200	395	6000	4500	0.6	84	770			
650-ROV14H271K-S-2	ROV14H271K	270	±10%	175	225	455	6000	4500	0.6	99	650			
650-ROV14H301K-S-2	ROV14H301K	300	±10%	195	250	505	6000	4500	0.6	105	650			
650-ROV14H331K-S-2	ROV14H331K	330	±10%	210	275	550	6000	4500	0.6	115	610			
650-ROV14H361K-S-2	ROV14H361K	360	±10%	230	300	595	6000	4500	0.6	130	470			
650-ROV14H391K-S-2	ROV14H391K	390	±10%	250	320	650	6000	4500	0.6	140	460			
650-ROV14H431K-S-2	ROV14H431K	430	±10%	275	350	710	6000	4500	0.6	155	450			
650-ROV14H471K-S-2	ROV14H471K	470	±10%	300	385	775	6000	4500	0.6	175	420			
650-ROV14H511K-S-2	ROV14H511K	510	±10%	320	418	842	6000	4500	0.6	190	370			
650-ROV14H561K-S-2	ROV14H561K	560	±10%	350	460	920	6000	4500	0.6	205	400			
<b>20mm H Series, High Surge</b>														
650-ROV20H201K-S-2	ROV20H201K	200	±10%	130	170	340	10000	6500	1	140	1830			
650-ROV20H221K-S-2	ROV20H221K	220	±10%	140	180	360	10000	6500	1	155	1600			
650-ROV20H241K-S-2	ROV20H241K	240	±10%	150	200	395	10000	6500	1	168	1420			
650-ROV20H271K-S-2	ROV20H271K	270	±10%	175	225	455	10000	6500	1	190	1260			
650-ROV20H301K-S-2	ROV20H301K	300	±10%	195	250	505	10000	6500	1	210	1100			
650-ROV20H331K-S-2	ROV20H331K	330	±10%	210	275	550	10000	6500	1	228	1110			
650-ROV20H361K-S-2	ROV20H361K	360	±10%	230	300	595	10000	6500	1	255	990			
650-ROV20H391K-S-2	ROV20H391K	390	±10%	250	320	650	10000	6500	1	275	980			
650-ROV20H431K-S-2	ROV20H431K	430	±10%	275	350	710	10000	6500	1	303	860			
650-ROV20H471K-S-2	ROV20H471K	470	±10%	300	385	775	10000	6500	1	350	760			
650-ROV20H511K-S-2	ROV20H511K	510	±10%	320	418	842	10000	6500	1	382	790			
650-ROV20H561K-S-2	ROV20H561K	560	±10%	350	460	920	10000	6500	1	410	680			
<b>14mm E Series, Extra High Surge</b>														
650-ROV14E201K-S	ROV14E201K	200	±10%	130	170	340	6500	6000	0.6	84	840			
650-ROV14E221K-S	ROV14E221K	220	±10%	140	180	360	6500	6000	0.6	93	710			
650-ROV14E241K-S-2	ROV14E241K	240	±10%	150	200	395	6500	6000	0.6	101	770			
<b>20mm E Series, Extra High Surge</b>														
650-ROV20E201K-S-2	ROV20E201K	200	±10%	130	170	340	12500	10000	1	168	2250			
650-ROV20E221K-S-2	ROV20E221K	220	±10%	140	180	360	12500	10000	1	186	2050			

**Kinked Lead (Standard)**



**Straight Lead (-S)**



Dimension	5mm	7mm
A max.	7.5	9
I ± .05	0.6	0.6
E ± 1	5	5
B max.	11	13
C min.	4.5	4.5
C max.	7.9	8.3
D1 min.	25	25
D min.	24	24