

# VISHAY BC COMPONENTS Radial Leaded Metal Oxide Varistors



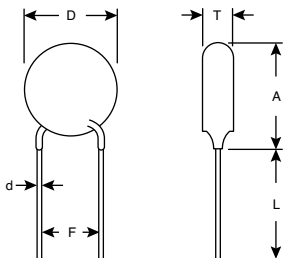
RoHS Compliant This product is RoHS compliant.

## VISHAY 2381 59x xxxx SERIES

The varistors consist of a disc of ceramic material with two tinned solid copper leads.

They are coated with a layer of epoxy, which provides electrical, mechanical, and climactic protection. The encapsulation is resistant to all cleaning solvents in accordance with "IEC 60068-2-45".

- Features:**
- Zinc oxide disc, epoxy coated
  - Non-flammable
  - Lead Free



DIMENSIONS: mm								
Model	D (max.)	A (max.)	A <sub>0</sub> (max.)	L (min.)	T (max.)	T (min.)	ød	F
2381 592 .....	7.0	9.0	11.0	27.0	6	4.1	0.6 ±0.05	5 ±0.6/-0.1
2381 593 .....	9.0	11.0	13.0	27.0	6	4.1	0.6 ±0.05	5 ±0.6/-0.1
2381 594 .....	13.5	15.5	18.0	17.0	7	4.4	0.8 ±0.05	7.5 ±0.8
2381 595 .....	17.0	19.0	23.0	16.0	7	4.4	0.8 ±0.05	7.5 ±0.8

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Max. Cont. Voltage		Voltage @ 1mA (V)	Max. Volt. @ Current		Max. Energy (J)	Max. Non Rep. Transient	Typical Capacitance (pF)	Price Each				
		RMS (V)	DC (V)		V (V)	I (A)				1	25	50	100	500
594-2381-592-53006	VDRS05A030BSE	30	38	47	96	1	1.1	100	700	.40	.32	.26	.23	.22
594-2381-592-53506	VDRS05A035BSE	35	45	56	123	1	1.4	100	560	.43	.35	.28	.25	.24
594-2381-592-54006	VDRS05A040BSE	40	56	68	145	1	1.6	100	460	.43	.35	.28	.25	.24
594-2381-592-55006	VDRS05C050BSE	50	65	82	145	5	2.6	400	370	.43	.35	.28	.25	.24
594-2381-592-56006	VDRS05C060BSE	60	85	100	165	5	2.9	400	290	.45	.40	.34	.31	.25
594-2381-592-57506	VDRS05C075BSE	75	100	120	190	5	3.4	400	240	.45	.40	.342	.311	.249
594-2381-592-51316	VDRS05C130BSE	130	170	205	310	5	5.5	400	130	.45	.40	.34	.31	.25
594-2381-592-51416	VDRS05C140BSE	140	180	220	350	5	6.3	400	120	.45	.40	.34	.31	.25
594-2381-592-51516	VDRS05C150BSE	150	200	240	395	5	7.1	400	110	.45	.40	.34	.31	.25
594-2381-592-51716	VDRS05C175BSE	175	225	275	410	5	7.3	400	90	.45	.40	.34	.31	.25
594-2381-592-52516	VDRS05C250BSE	250	320	390	600	5	11	400	60	.45	.40	.34	.31	.25
594-2381-592-52716	VDRS05C275BSE	275	350	430	695	5	12	400	55	.45	.40	.342	.311	.249
594-2381-592-53816	VDRS05C385BSE	385	505	620	1000	5	18	400	40	.45	.40	.342	.311	.249
594-2381-592-54616	VDRS05C460BSE	460	615	750	1200	5	21	400	30	.45	.40	.34	.31	.25
594-2381-593-53006	VDRS07B030BSE	30	38	47	93	2.5	3.6	250	1600	.44	.39	.34	.31	.26
594-2381-593-53506	VDRS07B035BSE	35	45	56	115	2.5	4.4	250	1300	.44	.39	.34	.31	.26
594-2381-593-54006	VDRS07B040BSE	40	56	68	135	2.5	5.2	250	1000	.44	.39	.34	.31	.26
594-2381-593-55006	VDRS07H050BSE	50	65	82	140	10	7	1200	900	.44	.39	.34	.31	.26
594-2381-593-57506	VDRS07H075BSE	75	100	120	200	10	10	1200	130	.39	.348	.305	.277	.234
594-2381-593-51316	VDRS07H130BSE	130	170	205	340	10	17	1200	320	.39	.348	.305	.277	.234
594-2381-593-51416	VDRS07H140BSE	140	180	220	370	10	21	1200	290	.39	.348	.305	.277	.234
594-2381-593-51516	VDRS07H150BSE	150	200	240	400	10	20	1200	270	.39	.348	.305	.277	.234
594-2381-593-51716	VDRS07H175BSE	175	225	275	455	10	23	1200	230	.39	.348	.305	.277	.234
594-2381-593-52316	VDRS07H230BSE	230	300	360	600	10	30	1200	170	.39	.348	.305	.277	.234
594-2381-593-52716	VDRS07H275BSE	275	350	430	710	10	36	1200	140	.39	.348	.305	.277	.234
594-2381-593-53016	VDRS07H300BSE	300	385	470	800	10	40	1200	130	.39	.348	.305	.277	.234
594-2381-593-53216	VDRS07H320BSE	320	420	510	850	10	44	1200	120	.39	.348	.305	.277	.234
594-2381-593-53816	VDRS07H385BSE	385	505	620	1025	10	51	1200	95	.39	.348	.305	.277	.234
594-2381-593-54616	VDRS07H460BSE	460	615	750	1240	10	63	1200	75	.39	.348	.305	.277	.234
594-2381-594-53006	VDRS10D030BSE	30	38	47	93	5	9.2	500	2700	.66	.57	.50	.48	.37
594-2381-594-53506	VDRS10D035BSE	35	45	56	110	5	11	500	2200	.66	.57	.50	.475	.372
594-2381-594-54006	VDRS10D040BSE	40	56	68	130	5	13	500	1800	.73	.56	.46	.41	.37
594-2381-594-55006	VDRS10P050BSE	50	65	82	140	25	12	2500	1500	.66	.57	.50	.48	.37
594-2381-594-56006	VDRS10P060BSE	60	85	100	165	25	15	2500	1200	.64	.51	.412	.384	.355
594-2381-594-51316	VDRS10P130BSE	130	170	205	340	25	30	2500	580	.64	.51	.41	.38	.36
594-2381-594-51416	VDRS10P140BSE	140	180	220	370	25	33	2500	540	.66	.57	.50	.48	.37
594-2381-594-51516	VDRS10P150BSE	150	200	240	400	25	36	2500	490	.53	.46	.372	.333	.295
594-2381-594-51716	VDRS10P175BSE	175	225	275	455	25	41	2500	430	.66	.57	.50	.48	.37
594-2381-594-52316	VDRS10P230BSE	230	300	360	600	25	54	2500	320	.66	.57	.50	.48	.37
594-2381-594-52516	VDRS10P250BSE	250	320	390	650	25	58	2500	300	.66	.57	.50	.48	.37
594-2381-594-52716	VDRS10P275BSE	275	350	430	710	25	63	2500	270	.64	.51	.41	.38	.36
594-2381-594-53016	VDRS10P300BSE	300	385	470	800	25	71	2500	240	.66	.57	.50	.48	.37
594-2381-594-53216	VDRS10P320BSE	320	420	510	850	25	77	2500	220	.66	.57	.50	.48	.37
594-2381-594-53816	VDRS10P385BSE	385	505	620	1025	25	67	2500	180	.66	.57	.50	.48	.37
594-2381-594-54216	VDRS10P420BSE	420	560	680	1120	25	73	2500	165	.66	.57	.50	.475	.372
594-2381-594-54616	VDRS10P460BSE	460	615	750	1240	25	82	2500	150	.72	.62	.545	.517	.405
594-2381-594-55116	VDRS10P510BSE	510	670	820	1355	25	89	2500	135	.80	.69	.60	.57	.45
594-2381-594-55516	VDRS10P550BSE	550	745	910	1500	25	98	2500	120	.72	.62	.55	.52	.41
594-2381-595-53006	VDRS14G030BSE	30	38	47	90	10	12	1000	6000	.93	.81	.70	.67	.53
594-2381-595-53506	VDRS14G035BSE	35	45	56	105	10	14	1000	4800	.93	.81	.70	.67	.53
594-2381-595-54006	VDRS14G040BSE	40	56	68	130	10	17	1000	3800	.93	.81	.70	.67	.53
594-2381-595-55006	VDRS14T050BSE	50	65	82	140	50	21	4500	3100	.93	.81	.70	.67	.53
594-2381-595-51316	VDRS14T130BSE	130	170	205	340	50	56	4500	1050	.93	.81	.70	.67	.53
594-2381-595-51416	VDRS14T140BSE	140	180	220	370	50	57	4500	950	.93	.81	.70	.67	.53
594-2381-595-51516	VDRS14T150BSE	150	200	240	400	50	59	4500	850	.93	.81	.70	.67	.53
594-2381-595-51716	VDRS14T175BSE	175	225	275	455	50	67	4500	750	.93	.81	.70	.67	.53
594-2381-595-52316	VDRS14T230BSE	230	300	360	600	50	88	4500	540	.93	.81	.70	.67	.53
594-2381-595-52516	VDRS14T250BSE	250	320	390	650	50	96	4500	480	.93	.81	.70	.67	.53
594-2381-595-52716	VDRS14T275BSE	275	350	430	710	50	104	4500	440	.93	.81	.70	.67	.53
594-2381-595-53016	VDRS14T300BSE	300	385	470	800	50	117	4500	400	.93	.81	.70	.67	.53
594-2381-595-53216	VDRS14T320BSE	320	420	510	850	50	120	4500	370	.93	.81	.70	.67	.53
594-2381-595-53816	VDRS14T385BSE	385	505	620	1025	50	110	4500	280	.93	.81	.70	.67	.53
594-2381-595-54616	VDRS14T460BSE	460	615	750	1240	50	135	4500	225	1.01	.877	.774	.731	.585
594-2381-595-55116	VDRS14T510BSE	510	670	820	1355	50	145	4500	220	1.01	.877	.774	.731	.585
594-2381-595-55516	VDRS14T550BSE	550	745	910	1500	50	160	4500	180	1.01	.877	.774	.731	.585