



# TRANSIENT/SURGE ABSORBER TRANSIENT VOLTAGE SURGE SUPPRESSORS

## Products Ratings and Characteristics: (Note: 05D series varistor voltage test current by 0.1mA dc)

P/N	Max. Allowable Voltage		Varistor Voltage (@1mA)			Clamping Voltage @ Test Current (8/20 $\mu$ s)		Max. Energy (J)	Max. Peak Current (8/20 $\mu$ s)	Rated Power	Typical Cap. @1KHz	Standards Approval (symbol)
	AC rms (V)	DC (V)	Min.	Vb (Vdc)	Max.	Vc (V)	Ip (A)	10/100 $\mu$ s	(A)	(W)	(pF)	
05D470K	30	38	42	47	55	104	1	1.1	100	0.01	650	B
07D470K					52	93	2.5	2.5	250	0.02	1550	B
10D470K					52	93	5	5.5	500	0.05	4600	B
14D470K					52	93	10	10.0	1000	0.10	6750	B
20D470K					52	93	20	33.0	2000	0.20	13500	B
05D560K	35	45	50	56	66	123	1	1.3	100	0.01	600	B
07D560K					62	110	2.5	3.1	250	0.02	1500	B
10D560K					62	110	5	7.0	500	0.05	3750	B
14D560K					62	110	10	11.0	1000	0.10	6500	B
20D560K					62	110	20	41.0	2000	0.20	12200	B
05D680K	40	56	61	68	80	150	1	1.6	100	0.01	580	B
07D680K					75	135	2.5	3.6	250	0.02	1200	B
10D680K					75	135	5	8.2	500	0.05	2800	B
14D680K					75	135	10	14.0	1000	0.10	5500	B
20D680K					75	135	20	46.0	2000	0.20	11500	B
05D820K	50	65	74	82	90	145	5	2.5	400	0.10	310	B
07D820K						135	10	5.5	1200	0.25	860	B
10D820K						135	25	12.0	2500	0.40	1920	B
14D820K						135	50	22.0	4500	0.60	4300	B
20D820K						135	100	38.0	6500	1.00	8200	B
05D101K	60	85	90	100	110	175	5	3.0	400	0.10	290	B
07D101K						165	10	6.5	1200	0.25	750	B
10D101K						165	25	15	2500	0.40	1800	B
14D101K						165	50	28.0	4500	0.60	3500	B
20D101K						165	100	45.0	6500	1.00	8000	B
05D121K	75	100	108	120	132	210	5	4.0	400	0.10	270	B
07D121K						200	10	7.8	1200	0.25	530	B
10D121K						200	25	18.0	2500	0.40	1500	B
14D121K						200	50	32.0	4500	0.60	2500	B
20D121K						200	100	55.0	6500	1.00	5500	B
05D151K	95	125	135	150	165	260	5	4.8	400	0.10	240	B
07D151K						250	10	9.7	1200	0.25	410	B
10D151K						250	25	22.0	2500	0.40	1200	B
14D151K						250	50	40.0	4500	0.60	2100	B
20D151K						250	100	70.0	6500	1.00	4200	B
05D181K	115	150	162	180	198	325	5	5.9	400	0.10	140	B
07D181K						300	10	11.7	1200	0.25	300	B
10D181K						300	25	27.0	2500	0.40	620	B
14D181K						300	50	50.0	4500	0.60	1250	B
20K181K						300	100	85.0	6500	1.00	2500	B