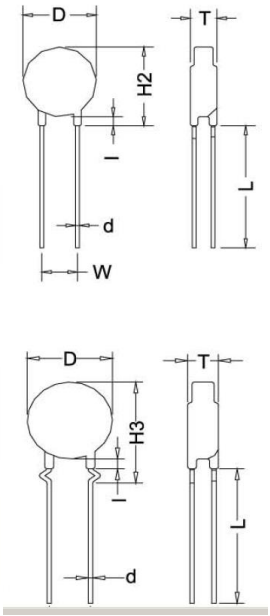
Product SPECIFICATION SHEET

ACDC DYNAMICS
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V11 Series

Type	Material code	Characteristics TA = +25 ℃					Maximum ratings T =+85 C					V/I Characteristic curve	Derating Curve
		Varistor voltage	Tolerance	Clamping voltage at Ip (8/20μs)		Capacitance (1kHz)	Max continuous operating voltage		Max energy absorption (2ms)	Peak current (8/20μs)	Max power rating		
		V_N * (V)	△V_N (±%)	V_P (V)	I_p (A)	C (pF)	V_{RMS} (V)	V_{DC} (V)	W_{max} (J)	I_{max} (A)	P_{max} (W)	Page	Page
V11K10 V11K14 V11K20	D10K11	18	10	36	5.0	16000	11	14	1.7	500	0.05	20	24
	D14K11	18	10	36	10.0	25000	11	14	3.2	1000	0.10	21	24
	D20K11	18	10	36	20.0	40000	11	14	10.0	2000	0.20	22	25
V20K10 V20K14 V20K20	D10K20	33	10	65	5.0	6300	20	26	3.1	500	0.05	20	24
	D14K20	33	10	65	10.0	12200	20	26	6.0	1000	0.10	21	24
	D20K20	33	10	65	20.0	20000	20	26	18.0	2000	0.20	22	25
V30K10 V30K14 V30K20	D10K30	47	10	93	5.0	4600	30	38	4.4	500	0.05	20	24
	D14K30	47	10	93	10.0	6750	30	38	9.0	1000	0.10	21	24
	D20K30	47	10	93	20.0	13500	30	38	26.0	2000	0.20	22	25
V130K20	D20K130	205	10	340	100.0	2300	130	170	100.0	10000	1.00	22	27
V140K10 V140K14 V140K20	D10K140	220	10	360	25.0	560	140	180	27.5	3500	0.40	20	26
	D14K140	220	10	360	50.0	1100	140	180	55.0	6000	0.60	21	27
	D20K140	220	10	360	100.0	2200	140	180	110.0	10000	1.00	22	27

Type	Dimensions								Certification			
	D_{max} (mm)	$H2_{max}$ (mm)	$H3_{max}$ (mm)	T_{max} (mm)	W±1.0 (mm)	L_{min} (mm)	I_{max} (mm)	d±0.05 (mm)	CE	UL	VDE	CSA
V11K10 V11K14 V11K20	14.0	16.0	17.5	4.8	7.5	25.0	3.0	0.8	★	○	★	
	17.5	20.0	25.0	4.8	7.5	25.0	3.0	0.8	★	○	★	
	25.0	25.0	29.0	5.2	10.0	25.0	3.0	1.0	★	○		
V20K10 V20K14 V20K20	14.0	16.0	17.5	5.2	7.5	25.0	3.0	0.8	★	○	★	
	17.5	20.0	25.0	5.2	7.5	25.0	3.0	0.8	★	○	★	
	25.0	25.0	29.0	5.6	10.0	25.0	3.0	1.0	★	○		
V30K10 V30K14 V30K20	14.0	16.0	17.5	5.6	7.5	25.0	3.0	0.8	★	○	★	
	17.5	20.0	25.0	5.6	7.5	25.0	3.0	0.8	★	○	★	
	25.0	25.0	29.0	6.0	10.0	25.0	3.0	1.0	★	○		
V130K20	25.0	25.0	29.0	5.3	10.0	25.0	3.0	1.0	★	★		★
V140K10 V140K14 V140K20	14.0	16.0	17.5	5.1	7.5	25.0	3.0	0.8	★	★	★	★
	17.5	20.0	25.0	5.1	7.5	25.0	3.0	0.8	★	★	★	★
	25.0	25.0	29.0	5.5	10.0	25.0	3.0	1.0	★	★		★



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