

LA Series Ratings & Specifications (Continued...)

Part Number	Branding	Model Size Disc Dia. (mm)	Maximum Rating (85°C)				Specifications (25°C)				
			Continuous		Transient		Varistor Voltage at 1mA DC Test Current		Maximum Clamping Voltage 8 x 20 μs		Typical Capacitance f = 1MHz
			V _{RMS}	V _{DC}	Energy 10 x 1000 μs	Peak Current 8 x 20 μs					
			V _{M(AC)} (V)	V _{M(DC)} (V)	W _{TM} (J)	I _{TM} (A)	V _{NOM Min} (V)	V _{NOM Max} (V)	V _C (V)	I _{PK} (A)	C (pF)
V385LA40BP	P385L40	20	385	505	160	6500	558	682	1025	100	700
V420LA7P	P4207	7	420	560	30	1200	610	748	1120	10	55
V420LA10P	P420L	10	420	560	55	2500	610	748	1120	25	140
V420LA20AP	P420L20	14	420	560	90	4500	610	748	1120	50	300
V420LA40BP	P420L40	20	420	560	160	6500	610	720	1060	100	600
V460LA7P	P4607	7	460	615	37	1200	640	790	1190	10	55
V460LA10P	P460L	10	460	615	56	2500	640	790	1190	25	120
V460LA20AP	P460L20	14	460	615	100	4500	640	790	1190	50	280
V460LA40BP	P460L40	20	460	615	170	6500	640	756	1110	100	560
V480LA7P	P4807	7	480	640	35	1200	670	825	1240	10	50
V480LA10P	P480L	10	480	640	60	2500	670	825	1240	25	120
V480LA40AP	P480L40	14	480	640	105	4500	670	825	1240	50	270
V480LA80BP	P480L80	20	480	640	180	6500	670	790	1160	100	550
V510LA10P	P510L	10	510	675	63	2500	735	910	1350	25	100
V510LA40AP	P510L40	14	510	675	110	4500	735	910	1350	50	250
V510LA80BP	P510L80	20	510	675	190	6500	735	860	1280	100	500
V575LA10P	P575L	10	575	730	65	2500	805	1000	1500	25	90
V575LA40AP	P575L40	14	575	730	120	4500	805	1000	1500	50	220
V575LA80BP	P575L80	20	575	730	220	6500	805	960	1410	100	450
V625LA10P	P625L	10	625	825	67	2500	900	1100	1650	25	80
V625LA40AP	P625L40	14	625	825	125	4500	900	1100	1650	50	210
V625LA80BP	P625L80	20	625	825	230	6500	900	1100	1650	100	425
V680LA10P	P680L	10	680	875	75	2500	990	1240	1875	25	65
V680LA80AP	P680L80	14	680	875	145	4500	990	1240	1875	50	190
V680LA100BP	P680L100	20	680	875	260	6500	990	1130	1700	100	380
V660LA10P	P660L	10	660	850	70	2500	940	1210	1820	25	70
V660LA50AP	P660L50	14	660	850	140	4500	940	1210	1820	50	200
V660LA100BP	P660L100	20	660	850	250	6500	940	1100	1650	100	400
V1000LA80AP	P1000L8	14	1000	1200	220	4500	1425	1800	2700	50	130
V1000LA160BP	P1000L16	20	1000	1200	360	6500	1425	1600	2420	100	250

NOTE: Average power dissipation of transients not to exceed 0.25W, 0.4W, 0.6W or 1W for model sizes 7mm, 10mm, 14mm and 20mm, respectively.

Phenolic Coating Option -- LA Series Varistors for Hi-Temperature Operating Conditions:

- Phenolic-coated LA Series devices are available with improved maximum operating maximum temperature 125°C.
- These devices also have improved temperature cycling performance capability.
- Ratings and Specifications are as per standard LA Series except Hi-Pot Encapsulation (Isolation Voltage Capability) = 500V.
- These devices are not UL, CSA, VDE or CECC certified.
- To order: add X1347 to end of part number (e.g. V230LA20APX1347)
- Product Marking:

