



| Part Number | Agency Mark | Maximum Applied Voltage | | Varistor Voltage @1mA DC V | Maximum Energy 2mS J | Maximum Clamping Voltage 8/20µS | | Peak Current 8/20µS A | Typical Capacitance 1 kHz pF | Figure |
|-------------------------|-------------|-------------------------|------|----------------------------|----------------------|---------------------------------|------------------|-----------------------|------------------------------|--------|
| | | AC _{RMS} V | DC V | | | V _c V | I _p A | | | |
| PA Series - MOVs | | | | | | | | | | |
| Z130PA20A | UL3 | 130 | 175 | 205(184-243) | 100 | 340 | 100 | 10000 | 2300 | 63 |
| Z130PA20C | UL3 | 130 | 175 | 205(184-220) | 100 | 325 | 100 | 10000 | 2300 | 63 |
| Z140PA20A | UL3 | 140 | 180 | 220(198-242) | 100 | 360 | 100 | 10000 | 2200 | 63 |
| Z140PA20C | UL3 | 140 | 180 | 220(198-231) | 100 | 345 | 100 | 10000 | 2200 | 63 |
| Z150PA20A | UL3 | 150 | 200 | 240(212-284) | 100 | 420 | 100 | 10000 | 2200 | 63 |
| Z150PA20C | UL3 | 150 | 200 | 240(212-243) | 100 | 360 | 100 | 10000 | 2200 | 63 |
| Z175PA20A | UL3 | 175 | 225 | 270(243-297) | 100 | 455 | 100 | 10000 | 2100 | 63 |
| Z175PA20C | UL3 | 175 | 225 | 270(243-284) | 100 | 435 | 100 | 10000 | 2100 | 63 |
| Z200PA20A | UL3 | 195 | 250 | 300(270-330) | 110 | 550 | 100 | 10000 | 1800 | 63 |
| Z200PA20C | UL3 | 195 | 250 | 300(270-315) | 110 | 500 | 100 | 10000 | 1800 | 63 |
| Z210PA40A | UL3 | 210 | 275 | 330(297-363) | 110 | 550 | 100 | 10000 | 1750 | 63 |
| Z210PA40C | UL3 | 210 | 275 | 330(297-347) | 110 | 525 | 100 | 10000 | 1750 | 63 |
| Z230PA40A | UL3 | 230 | 300 | 360(324-396) | 120 | 595 | 100 | 10000 | 1700 | 63 |
| Z230PA40C | UL3 | 230 | 300 | 360(324-378) | 120 | 565 | 100 | 10000 | 1700 | 63 |
| Z250PA40A | UL3 | 250 | 330 | 390(354-453) | 130 | 675 | 100 | 10000 | 1400 | 63 |
| Z250PA40C | UL3 | 250 | 330 | 390(354-413) | 130 | 620 | 100 | 10000 | 1400 | 63 |
| Z275PA40A | UL3 | 275 | 369 | 430(389-494) | 140 | 740 | 100 | 10000 | 1350 | 63 |
| Z275PA40C | UL3 | 275 | 369 | 430(389-453) | 140 | 680 | 100 | 10000 | 1350 | 63 |
| Z300PA40A | UL3 | 300 | 385 | 470(423-517) | 150 | 775 | 100 | 10000 | 1200 | 63 |
| Z300PA40C | UL3 | 300 | 385 | 470(423-494) | 150 | 735 | 100 | 10000 | 1200 | 63 |
| Z320PA40A | UL3 | 320 | 420 | 515(462-565) | 160 | 850 | 100 | 10000 | 1050 | 63 |
| Z320PA40C | UL3 | 320 | 420 | 510(462-539) | 160 | 800 | 100 | 10000 | 1050 | 63 |
| Z350PA40A | UL3 | 350 | 460 | 560(504-616) | 150 | 915 | 100 | 10000 | 850 | 63 |
| Z350PA40C | UL3 | 350 | 460 | 560(504-588) | 150 | 870 | 100 | 10000 | 850 | 63 |
| Z385PA40A | UL3 | 385 | 505 | 620(558-682) | 150 | 1025 | 100 | 10000 | 570 | 63 |
| Z385PA40C | UL3 | 385 | 505 | 620(588-651) | 150 | 975 | 100 | 10000 | 570 | 63 |
| Z420PA40A | UL3 | 420 | 560 | 680(610-790) | 160 | 1160 | 100 | 10000 | 550 | 63 |
| Z420PA40C | UL3 | 420 | 560 | 680(610-690) | 160 | 1050 | 100 | 10000 | 550 | 63 |
| Z460PA40A | UL3 | 460 | 615 | 750(675-825) | 180 | 1240 | 100 | 10000 | 530 | 63 |
| Z460PA40C | UL3 | 460 | 615 | 750(675-788) | 180 | 1180 | 100 | 10000 | 530 | 63 |
| Z480PA80A | UL3 | 480 | 640 | 780(670-860) | 180 | 1280 | 100 | 10000 | 530 | 63 |
| Z480PA80C | UL3 | 480 | 640 | 780(670-790) | 180 | 1160 | 100 | 10000 | 530 | 63 |
| Z510PA80A | UL3 | 510 | 675 | 820(735-963) | 190 | 1410 | 100 | 10000 | 530 | 63 |
| Z510PA80C | UL3 | 510 | 675 | 820(735-860) | 190 | 1280 | 100 | 10000 | 530 | 63 |
| Z550PA80A | UL3 | 550 | 700 | 910(775-1000) | 200 | 1500 | 100 | 10000 | 480 | 63 |
| Z550PA80C | UL3 | 550 | 700 | 910(775-960) | 200 | 1400 | 100 | 10000 | 480 | 63 |
| Z575PA80A | UL3 | 575 | 730 | 950(805-1050) | 220 | 1560 | 100 | 10000 | 480 | 63 |
| Z575PA80C | UL3 | 575 | 730 | 950(805-960) | 220 | 1410 | 100 | 10000 | 480 | 63 |
| Z600PA100A | UL3 | 625 | 825 | 1000(900-1100) | 240 | 1650 | 100 | 10000 | 480 | 63 |
| Z600PA100C | UL3 | 625 | 825 | 1000(900-1050) | 240 | 1570 | 100 | 10000 | 480 | 63 |
| Z625PA80A | UL3 | 625 | 825 | 1000(900-1100) | 230 | 1650 | 100 | 10000 | 480 | 63 |
| Z660PA100A | UL3 | 660 | 850 | 1100(940-1210) | 250 | 1820 | 100 | 10000 | 400 | 63 |
| Z660PA100C | UL3 | 660 | 850 | 1100(940-1100) | 250 | 1650 | 100 | 10000 | 400 | 63 |
| Z1000PA100A | UL3 | 1000 | 1350 | 1800(1460-1880) | 380 | 2800 | 100 | 10000 | 250 | 63 |
| Z1000PA100C | UL3 | 1000 | 1350 | 1800(1460-1720) | 380 | 2580 | 100 | 10000 | 250 | 63 |

Radial leaded MOVs having the Underwriters Laboratory Recognized Component Mark, conform to UL 1414, UL1449 edition 3, as listed on DTI UL file number E319342.

Maximum Power Dissipation: 5 mm-0.1 watt; 7 mm-0.25 watt; 10 mm-0.4 watt; 14 mm-0.6 watt, 20 mm-1 watt.

Typical response time is less than 15 nanoseconds.