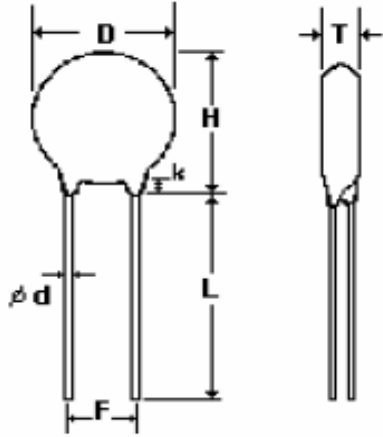


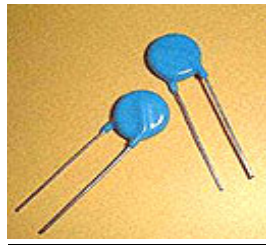
EPOXY COATING MOVs 14D SPECIFICATION

| Model Number 14mm | Maximum Allowable Voltage | | Varistor Voltage V1mA (V) | Clamping Voltage (Max.) | | Maximum Peak Current (8/20µs) | | Maximum Energy (JOULE) | | Rated Power (w) | Typical Capacitance (Reference) @1KHZ (pf) |
|----------------------|---------------------------|-----------|---------------------------------|----------------------------|-----------|----------------------------------|---------------|---------------------------|------|--------------------|---|
| | ACrms (V) | DC (V) | | VC (V) | IP (A) | 1Time (A) | 2Times (A) | 10/1000 µS | 2ms | | |
| | | | | | | | | | | | |
| 14D180K | 11 | 14 | 18(15.5-21.0) | 36 | 20 | 2000 | 1000 | 7 | 4.7 | 0.10 | 11100 |
| 14D220K | 14 | 18 | 22(20-24) | 43 | 20 | 2000 | 1000 | 8 | 5.7 | 0.10 | 9100 |
| 14D270K | 17 | 22 | 27(24-30) | 53 | 20 | 2000 | 1000 | 10 | 6.9 | 0.10 | 7400 |
| 14D330K | 20 | 26 | 33(30-36) | 65 | 20 | 2000 | 1000 | 12 | 8.4 | 0.10 | 6100 |
| 14D390K | 25 | 31 | 39(35-43) | 77 | 20 | 2000 | 1000 | 13 | 9.9 | 0.10 | 5100 |
| 14D470K | 30 | 38 | 47(42-52) | 93 | 20 | 2000 | 1000 | 17 | 11.9 | 0.10 | 4300 |
| 14D560K | 35 | 45 | 56(50-62) | 110 | 20 | 2000 | 1000 | 20 | 14.2 | 0.10 | 3600 |
| 14D680K | 40 | 56 | 68(61-75) | 135 | 20 | 2000 | 1000 | 24 | 17.3 | 0.10 | 2900 |
| 14D820K | 50 | 65 | 82(74-90) | 135 | 100 | 6000 | 5000 | 27 | 20.5 | 0.60 | 2400 |
| 14D101K | 60 | 85 | 100(162-198) | 165 | 100 | 6000 | 5000 | 33 | 25 | 0.60 | 2000 |
| 14D121K | 75 | 100 | 120(108-132) | 200 | 100 | 6000 | 5000 | 40 | 30 | 0.60 | 1700 |
| 14D151K | 95 | 125 | 150(135-165) | 250 | 100 | 6500 | 5000 | 53 | 37.5 | 0.60 | 1300 |
| 14D181K | 115 | 150 | 180(162-198) | 300 | 100 | 6500 | 5000 | 60 | 42 | 0.60 | 1100 |
| 14D201K | 130 | 170 | 200(185-225) | 340 | 100 | 6500 | 5000 | 70 | 50 | 0.60 | 1000 |
| 14D221K | 140 | 180 | 220(198-225) | 360 | 100 | 6500 | 5000 | 78 | 55 | 0.60 | 900 |
| 14D241K | 150 | 200 | 240(216-264) | 395 | 100 | 6500 | 5000 | 84 | 60 | 0.60 | 830 |
| 14D271K | 175 | 225 | 270(243-297) | 455 | 100 | 6500 | 5000 | 99 | 70 | 0.60 | 740 |
| 14D301K | 190 | 250 | 300(270-330) | 500 | 100 | 6500 | 5000 | 108 | 75 | 0.60 | 670 |
| 14D331K | 210 | 275 | 330(297-363) | 550 | 100 | 6500 | 5000 | 115 | 80 | 0.60 | 610 |
| 14D361K | 230 | 300 | 360(324-396) | 595 | 100 | 6500 | 5000 | 130 | 90 | 0.60 | 560 |
| 14D391K | 250 | 320 | 390(351-429) | 650 | 100 | 6500 | 5000 | 140 | 100 | 0.60 | 510 |
| 14D431K | 275 | 350 | 430(387-473) | 710 | 100 | 6500 | 5000 | 155 | 110 | 0.60 | 460 |
| 14D471K | 300 | 385 | 470(423-517) | 775 | 100 | 6500 | 5000 | 175 | 125 | 0.60 | 430 |
| 14D511K | 320 | 415 | 510(459-561) | 845 | 100 | 6500 | 5000 | 190 | 136 | 0.60 | 390 |
| 14D561K | 350 | 460 | 560(504-616) | 925 | 100 | 6500 | 5000 | 190 | 136 | 0.60 | 360 |
| 14D621K | 385 | 505 | 620(558-682) | 1025 | 100 | 6500 | 5000 | 190 | 136 | 0.60 | 320 |
| 14D681K | 420 | 560 | 680(612-748) | 1120 | 100 | 6500 | 5000 | 190 | 136 | 0.60 | 290 |
| 14D751K | 460 | 615 | 750(675-825) | 1240 | 100 | 6500 | 5000 | 210 | 150 | 0.60 | 270 |
| 14D781K | 485 | 640 | 780(702-858) | 1290 | 100 | 6500 | 5000 | 220 | 155 | 0.60 | 260 |
| 14D821K | 510 | 670 | 820(738-902) | 1355 | 100 | 6500 | 5000 | 235 | 165 | 0.60 | 240 |
| 14D911K | 550 | 745 | 910(819-1001) | 1500 | 100 | 6500 | 5000 | 255 | 180 | 0.60 | 220 |
| 14D102K | 625 | 825 | 1000(900-1100) | 1650 | 100 | 6500 | 5000 | 280 | 200 | 0.60 | 200 |
| 14D112K | 680 | 895 | 1100(990-1210) | 1815 | 100 | 6500 | 5000 | 310 | 220 | 0.60 | 180 |

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| | | |
|---|----------|--------------|
|  | D(max.) | 16.5 |
| | H(max.) | 20.0 |
| | T(max.) | * (1) |
| | F | 7.5 ± 1.0 |
| | ϕd | 0.8 ± 0.1 |
| | L(min.) | 25.0 |
| | k(max.) | 3.0 |
| | Unit: mm | |



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| Part No. | T _{max.} |
|----------|-------------------|
| 14D180K | 3.9 |
| 14D220K | 4.1 |
| 14D270K | 4.4 |
| 14D330K | 3.7 |
| 14D390K | 3.9 |
| 14D470K | 4.1 |
| 14D560K | 4.3 |
| 14D680K | 4.1 |
| 14D820K | 3.7 |
| 14D101K | 3.9 |
| 14D121K | 4.1 |
| 14D151K | 4.4 |
| 14D181K | 3.8 |
| 14D201K | 3.9 |
| 14D221K | 4.0 |
| 14D241K | 4.1 |
| 14D271K | 4.2 |
| 14D301K | 4.4 |
| 14D331K | 4.5 |
| 14D361K | 4.7 |
| 14D391K | 4.8 |
| 14D431K | 5.0 |
| 14D471K | 5.2 |
| 14D511K | 5.3 |
| 14D561K | 5.4 |
| 14D621K | 5.7 |
| 14D681K | 6.0 |
| 14D751K | 6.3 |
| 14D781K | 6.4 |
| 14D821K | 6.6 |
| 14D911K | 6.7 |
| 14D102K | 6.9 |
| 14D112K | 7.3 |
| 14D182K | 11.4 |

Unit:mm