

25D series

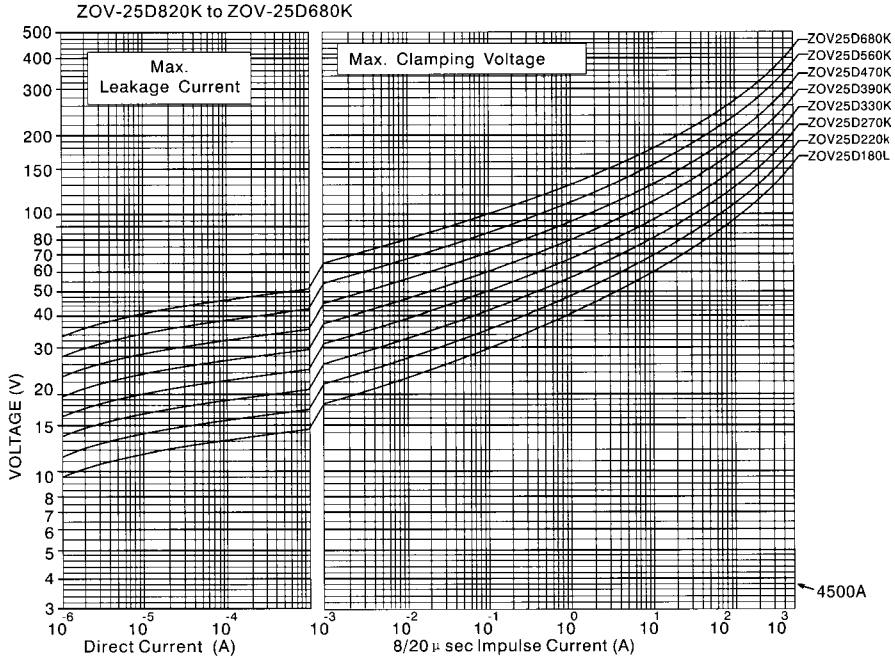
| Part Number | | Maximum Allowable Voltage | | Varistor Voltage | Clamping Voltage (MAX.) | | Maximum Peak current (8/20μs) | | Maximum Energy (10/1000μs) | | Rated Power (W) | Typical Capacitance (Reference) @1KHz (pf) | UL | CS | RoHS |
|-------------|------------|---------------------------|--------|------------------|-------------------------|--------|-------------------------------|----------------|----------------------------|--------------------|-----------------|--|----|----|------|
| Standard | High Surge | AC (V) | DC (V) | V 1.0mA (V) | VC (V) | IP (A) | Standard (A) | High Surge (A) | Standard (JOULE) | High Surge (JOULE) | | | | | |
| 25D180L | H | 11 | 14 | 18(145-21) | 36 | 30 | 3000 | 4500 | 13 | 20 | 0.25 | 45000 | * | * | * |
| 25D220K | H | 14 | 18 | 22(20-24) | 43 | | | | 16 | 25 | | 29000 | * | * | * |
| 25D270K | H | 17 | 22 | 27(24-30) | 53 | | | | 19 | 30 | | 26500 | * | * | * |
| 25D330K | H | 20 | 26 | 33(30-36) | 65 | | | | 24 | 35 | | 18000 | * | * | * |
| 25D390K | H | 25 | 31 | 39(35-43) | 77 | | | | 28 | 40 | | 13500 | * | * | * |
| 25D470K | H | 30 | 38 | 47(42-52) | 93 | | | | 34 | 50 | | 11500 | * | * | * |
| 25D560K | H | 35 | 45 | 56(50-62) | 110 | | | | 41 | 60 | | 10500 | * | * | * |
| 25D680K | H | 40 | 56 | 68(61-75) | 135 | | | | 49 | 70 | | 9050 | * | * | * |
| 25D820K | H | 50 | 65 | 82(61-75) | 135 | | | | 56 | 80 | | 7700 | * | * | * |
| 25D101K | H | 60 | 85 | 100(90-100) | 165 | 150 | 15000 | 18000 | 70 | 100 | 1.20 | 6300 | * | * | * |
| 25D121K | H | 75 | 100 | 120(108-132) | 200 | | | | 85 | 120 | | 5200 | * | * | * |
| 25D151K | H | 90 | 125 | 150(135-165) | 250 | | | | 106 | 160 | | 4300 | * | * | * |
| 25D181K | H | 115 | 150 | 180(162-198) | 300 | | | | 130 | 175 | | 3500 | * | * | * |
| 25D201K | H | 130 | 170 | 200(185-225) | 340 | | | | 140 | 190 | | 3200 | * | * | * |
| 25D221K | H | 140 | 180 | 220(198-242) | 360 | | | | 155 | 200 | | 2900 | * | * | * |
| 25D241K | H | 150 | 200 | 240(216-264) | 395 | | | | 168 | 220 | | 2650 | * | * | * |
| 25D271K | H | 175 | 225 | 270(243-297) | 455 | | | | 190 | 255 | | 2400 | * | * | * |
| 25D301K | H | 190 | 250 | 300(270-330) | 500 | | | | 210 | 275 | | 2100 | * | * | * |
| 25D331K | H | 210 | 275 | 330(297-363) | 550 | | | | 228 | 300 | | 1900 | * | * | * |
| 25D361K | H | 230 | 300 | 360(324-396) | 595 | | | | 255 | 330 | | 1750 | * | * | * |
| 25D391K | H | 250 | 320 | 390(351-429) | 650 | | | | 275 | 360 | | 1600 | * | * | * |
| 25D431K | H | 275 | 350 | 430(387-473) | 710 | | | | 305 | 380 | | 1500 | * | * | * |
| 25D471K | H | 300 | 385 | 470(423-517) | 775 | | | | 350 | 400 | | 1400 | * | * | * |
| 25D511K | H | 320 | 415 | 510(459-561) | 845 | | | | 382 | 420 | | 1250 | * | * | * |
| 25D561K | H | 350 | 460 | 560(504-616) | 925 | | | | 380 | 440 | | 1150 | * | * | * |
| 25D621K | H | 385 | 505 | 620(558-682) | 1025 | | | | 380 | 450 | | 1050 | * | * | * |
| 25D681K | H | 420 | 560 | 680(612-748) | 1120 | | | | 380 | 460 | | 950 | * | * | * |
| 25D751K | H | 460 | 615 | 750(675-825) | 1240 | | | | 420 | 510 | | 850 | * | * | * |
| 25D781K | H | 485 | 640 | 780(702-858) | 1290 | | | | 440 | 530 | | 850 | * | * | * |
| 25D821K | H | 510 | 670 | 820(738-902) | 1355 | | | | 460 | 570 | | 800 | * | * | * |
| 25D911K | H | 550 | 745 | 910(819-1001) | 1500 | 510 | 620 | 700 | * | * | * | | | | |
| 25D102K | H | 625 | 825 | 1000(900-1100) | 1650 | 565 | 685 | 650 | * | * | * | | | | |
| 25D112K | H | 680 | 895 | 1100(990-1210) | 1815 | 620 | 770 | 600 | * | * | * | | | | |
| 25D122K | H | 750 | 990 | 1200(1080-1320) | 1980 | 631 | 770 | 550 | * | * | * | | | | |
| 25D142K | H | 880 | 1140 | 1200(1200-1540) | 2310 | 697 | 850 | 500 | * | * | * | | | | |
| 25D162K | H | 1000 | 1280 | 1600(1400-1760) | 2640 | 805 | 970 | 450 | * | * | * | | | | |

OPERATING TEMPERATURE RANGE: - 40°C TO +85°C

STORAGE TEMPERATURE RANGE: - 40°C TO +125°C

● **25D series**

V-I curve



Impulse Lifetime Ratings

