

● 20D series

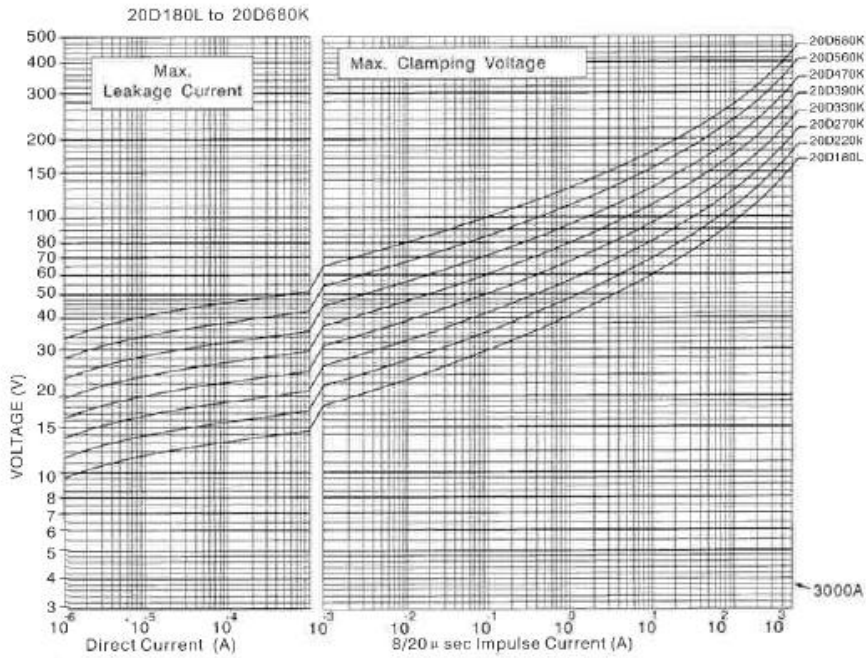
| Model Number | | Maximum Allowable Voltage | | Varistor Voltage | Clamping Voltage (MAX.) | | Maximum Peak current (8/20μs) | | Maximum Energy (10/1000μs) | | Rated Power | Typical Capacitance (Reference) | UL | SP | CE |
|--------------|------------|---------------------------|--------|------------------|-------------------------|--------|-------------------------------|------------|----------------------------|------------|-------------|---------------------------------|----|----|----|
| Standard | High Surge | AC (V) | DC (V) | V 1mA (V) | VC (v) | IP (A) | Standard | High Surge | Standard | High Surge | W | @ 1KHz (pf) | | | |
| | | | | | | | (A) | (JOULE) | | | | | | | |
| 20D180L | J | 11 | 14 | 18(15-21) | 36 | 20 | 2000 | 3000 | 11 | 13 | 0.20 | 28500 | * | * | * |
| 20D220K | J | 14 | 18 | 22(20 -24) | 43 | | | | 14 | 16 | | 18500 | * | * | * |
| 20D270K | J | 17 | 22 | 27(24 -30) | 53 | | | | 16 | 19 | | 13000 | * | * | * |
| 20D330K | J | 20 | 26 | 33(30 -36) | 65 | | | | 23 | 24 | | 11500 | * | * | * |
| 20D390K | J | 25 | 31 | 39(35 - 43) | 77 | | | | 26 | 28 | | 8500 | * | * | * |
| 20D470K | J | 30 | 38 | 47(42 - 52) | 93 | | | | 30 | 34 | | 7400 | * | * | * |
| 20D560K | J | 35 | 45 | 56(50 - 62) | 110 | | | | 41 | 41 | | 6500 | * | * | * |
| 20D680K | J | 40 | 56 | 68(61 - 75) | 135 | | | | 46 | 49 | | 5800 | * | * | * |
| 20D820K | J | 50 | 65 | 82(74 - 90) | 135 | 100 | 6500 | 10000 | 38 | 56 | 1.00 | 4900 | * | * | * |
| 20D101K | J | 60 | 85 | 100(90 - 110) | 165 | | | | 45 | 70 | | 4000 | * | * | * |
| 20D121K | J | 75 | 100 | 120(108 - 132) | 200 | | | | 55 | 85 | | 3300 | * | * | * |
| 20D151K | J | 95 | 125 | 150(135 - 165) | 250 | | | | 70 | 106 | | 2700 | * | * | * |
| 20D181K | J | 115 | 150 | 180(162 - 198) | 300 | | | | 85 | 130 | | 2200 | * | * | * |
| 20D201K | J | 130 | 170 | 200(185 - 225) | 340 | | | | 95 | 140 | | 2000 | * | * | * |
| 20D221K | J | 140 | 180 | 220(198 - 242) | 360 | | | | 100 | 155 | | 1800 | * | * | * |
| 20D241K | J | 150 | 200 | 240(216 - 264) | 395 | | | | 108 | 168 | | 1650 | * | * | * |
| 20D271K | J | 175 | 225 | 270(243 - 297) | 455 | | | | 127 | 190 | | 1500 | * | * | * |
| 20D301K | J | 190 | 250 | 300(270 - 330) | 500 | | | | 136 | 210 | | 1300 | * | * | * |
| 20D331K | J | 210 | 275 | 330(297 - 363) | 550 | | | | 150 | 228 | | 1200 | * | * | * |
| 20D361K | J | 230 | 300 | 360(324 - 396) | 595 | | | | 163 | 255 | | 1100 | * | * | * |
| 20D391K | J | 250 | 320 | 390(351 - 429) | 650 | | | | 180 | 275 | | 1000 | * | * | * |
| 20D431K | J | 275 | 350 | 430(387 - 473) | 710 | | | | 190 | 305 | | 930 | * | * | * |
| 20D471K | J | 300 | 385 | 470(423 - 517) | 775 | | | | 220 | 350 | | 850 | * | * | * |
| 20D511K | J | 320 | 415 | 510(459 - 561) | 845 | | | | 220 | 360 | | 780 | * | * | * |
| 20D561K | J | 350 | 460 | 560(504 - 616) | 925 | | | | 220 | 380 | | 710 | * | * | * |
| 20D621K | J | 385 | 505 | 620(558 - 682) | 1025 | | | | 220 | 390 | | 650 | * | * | * |
| 20D681K | J | 420 | 560 | 680(612 - 748) | 1120 | | | | 230 | 400 | | 600 | * | * | * |
| 20D751K | J | 460 | 615 | 750(675-825) | 1240 | | | | 255 | 420 | | 530 | * | * | * |
| 20D781K | J | 485 | 640 | 780(702-858) | 1290 | | | | 265 | 440 | | 510 | * | * | * |
| 20D821K | J | 510 | 670 | 820(738-902) | 1355 | | | | 282 | 460 | | 500 | * | * | * |
| 20D911K | J | 550 | 745 | 910(819-1001) | 1500 | | | | 310 | 540 | | 440 | * | * | * |
| 20D102K | J | 625 | 825 | 1000(900 - 1100) | 1650 | | | | 342 | 565 | | 400 | * | * | * |
| 20D112K | J | 680 | 895 | 1100(990 - 1210) | 1815 | 383 | 620 | 360 | * | * | * | | | | |
| 20D122K | J | 750 | 990 | 1200(1080-1320) | 1980 | 408 | 660 | 320 | | * | * | | | | |
| 20D152K | J | 900 | 1200 | 1500(1350-1650) | 2475 | 420 | 780 | 260 | | * | | | | | |
| 20D182K | J | 1000 | 1465 | 1800(1620-1980) | 2970 | 560 | 860 | 220 | | * | | | | | |

OPERATING TEMPERATURE RANGE: - 40°C TO +105°C

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

● **20D series**

V-I curve



Impulse Lifetime Ratings

