

Electrical Specifications, cont. Disc Types

| Part Number | Maximum Ratings (85°C) | | | | | Characteristics (25°C) | | | Typical Capacitance 1kHz Picofarads |
|---|------------------------|------------|----------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------|----------------------------|---|
| | Continuous | | | Transient | | Varistor Voltage 1mA DC ± 10% | Maximum Clamping Voltage | | |
| | AC Voltage (RMS) | DC Voltage | Average Power Dissipation | Energy ⁽¹⁾ 2 ms | Peak Current 8/20µs | | Volts | Amps | |
| | Volts | Volts | Watts | Joules | Amps | Volts | Volts | Amps | |
| S05K75 S07K75 S10K75 S14K75 S20K75 | 75 | 100 | 0.1 0.25 0.4 0.6 1.0 | 2.5 5.9 12.0 20.0 40.0 | 400 1200 2500 4500 6500 | 120 | 200 | 5 10 25 50 100 | 210 430 720 1370 2900 |
| S05K95 S07K95 S10K95 S14K95 S20K95 | 95 | 125 | 0.1 0.25 0.4 0.6 1.0 | 3.4 7.6 15.0 25.0 50.0 | 400 1200 2500 4500 6500 | 150 | 250 | 5 10 25 50 100 | 135 260 530 870 1830 |
| S05K115 S07K115 S10K115 S14K115 S20K115 | 115 | 150 | 0.1 0.25 0.4 0.6 1.0 | 3.6 8.4 18.0 30.0 60.0 | 400 1200 2500 4500 6500 | 180 | 300 | 5 10 25 50 100 | 110 220 445 730 1520 |
| S05K130 S07K130 S10K130 S14K130 S20K130 | 130 | 170 | 0.1 0.25 0.4 0.6 1.0 | 4.2 9.5 19.0 34.0 68.0 | 400 1200 2500 4500 6500 | 205 | 340 | 5 10 25 50 100 | 100 200 400 650 1340 |
| S20S130B | 130 | 170 | 1.0 | 65.0 | 6500 | 205 | 325 | 100 | 1340 |
| S05K140 S07K140 S10K140 S14K140 S20K140 | 140 | 180 | 0.1 0.25 0.4 0.6 1.0 | 4.5 10.0 22.0 36.0 72.0 | 400 1200 2500 4500 6500 | 220 | 360 | 5 10 25 50 100 | 95 180 370 610 1240 |
| S05K150 S07K150 S10K150 S14K150 S20K150 | 150 | 200 | 0.1 0.25 0.4 0.6 1.0 | 4.9 11.0 24.0 40.0 79.0 | 400 1200 2500 4500 6500 | 240 | 395 | 5 10 25 50 100 | 90 170 350 570 1160 |
| S20S150B | 150 | 200 | 1.0 | 72.0 | 6500 | 240 | 360 | 100 | 1160 |
| S05K175 S07K175 S10K175 S14K175 S20K175 | 175 | 225 | 0.1 0.25 0.4 0.6 1.0 | 5.6 13.0 28.0 46.0 91.0 | 400 1200 2500 4500 6500 | 270 | 455 | 5 10 25 50 100 | 75 150 300 490 1000 |
| S05K230 S07K230 S10K230 S14K230 S20K230 | 230 | 300 | 0.1 0.25 0.4 0.6 1.0 | 7.2 17.0 36.0 60.0 120.0 | 400 1200 2500 4500 6500 | 360 | 595 | 5 10 25 50 100 | 60 115 230 380 760 |
| S05K250 S07K250 S10K250 S14K250 S20K250 | 250 | 320 | 0.1 0.25 0.4 0.6 1.0 | 8.2 19.0 38.0 65.0 130.0 | 400 1200 2500 4500 6500 | 390 | 650 | 5 10 25 50 100 | 55 105 215 350 700 |
| S20S250B | 250 | 320 | 1.0 | 120.0 | 6500 | 390 | 620 | 100 | 700 |
| S05K275 S07K275 S10K275 S14K275 S20K275 | 275 | 350 | 0.1 0.25 0.4 0.6 1.0 | 8.6 21.0 43.0 71.0 140.0 | 400 1200 2500 4500 6500 | 430 | 710 | 5 10 25 50 100 | 50 95 195 320 630 |
| S20S275B | 275 | 350 | 1.0 | 140.0 | 6500 | 430 | 680 | 100 | 630 |