

F11-25

# SIEMENS SURFACE MOUNT METAL OXIDE VARISTORS

## ELECTRICAL SPECIFICATIONS (CONTINUED)

| PART NUMBER | MAXIMUM RATINGS (85° C) |            |                           |             |                     | CHARACTERISTICS (25° C)       |                          |       |                     |
|-------------|-------------------------|------------|---------------------------|-------------|---------------------|-------------------------------|--------------------------|-------|---------------------|
|             | CONTINUOUS              |            |                           | TRANSIENT   |                     | * VARISTOR VOLTAGE<br>1 mA DC | MAXIMUM CLAMPING VOLTAGE |       | TYPICAL CAPACITANCE |
|             | AC VOLTAGE (RMS)        | DC VOLTAGE | AVERAGE POWER DISSIPATION | ENERGY 2 ms | PEAK CURRENT 8/20µs |                               | VOLTS                    | VOLTS | AMPS                |
|             | VOLTS                   | VOLTS      | WATTS                     | JOULES      | AMPS                | VOLTS                         | VOLTS                    | AMPS  | PICOFARADS          |
| CU4032K11G  | 11                      | 14         | 0.02                      | 0.8         | 250                 | 16                            | 36                       | 2.5   | 3,100               |
| CU4032K14G  | 14                      | 18         | 0.02                      | 0.9         | 250                 | 22                            | 43                       | 2.5   | 2,500               |
| CU4032K17G  | 17                      | 22         | 0.02                      | 1.1         | 250                 | 27                            | 53                       | 2.5   | 1,900               |
| CU4032K20G  | 20                      | 26         | 0.02                      | 1.3         | 250                 | 33                            | 65                       | 2.5   | 1,500               |
| CU4032K25G  | 25                      | 31         | 0.02                      | 1.6         | 250                 | 39                            | 77                       | 2.5   | 1,250               |
| CU4032K30G  | 30                      | 38         | 0.02                      | 2.0         | 250                 | 47                            | 93                       | 2.5   | 1,050               |
| CU4032K35G  | 35                      | 45         | 0.02                      | 2.5         | 250                 | 56                            | 110                      | 2.5   | 850                 |
| CU4032K40G  | 40                      | 56         | 0.02                      | 3.0         | 250                 | 68                            | 135                      | 2.5   | 720                 |
| CU4032K50G  | 50                      | 65         | 0.25                      | 4.2         | 1,200               | 82                            | 135                      | 10.0  | 530                 |
| CU4032K60G  | 60                      | 85         | 0.25                      | 4.8         | 1,200               | 100                           | 165                      | 10.0  | 480                 |
| CU4032K75G  | 75                      | 100        | 0.25                      | 5.9         | 1,200               | 120                           | 200                      | 10.0  | 430                 |
| CU4032K95G  | 95                      | 125        | 0.25                      | 7.6         | 1,200               | 150                           | 250                      | 10.0  | 260                 |
| CU4032K115G | 115                     | 150        | 0.25                      | 8.4         | 1,200               | 180                           | 300                      | 10.0  | 220                 |
| CU4032K130G | 130                     | 170        | 0.25                      | 9.5         | 1,200               | 205                           | 340                      | 10.0  | 200                 |
| CU4032K140G | 140                     | 180        | 0.25                      | 10.0        | 1,200               | 220                           | 360                      | 10.0  | 180                 |
| CU4032K150G | 150                     | 200        | 0.25                      | 11.0        | 1,200               | 240                           | 395                      | 10.0  | 170                 |
| CU4032K175G | 175                     | 225        | 0.25                      | 13.0        | 1,200               | 270                           | 455                      | 10.0  | 150                 |
| CU4032K230G | 230                     | 300        | 0.25                      | 17.0        | 1,200               | 360                           | 595                      | 10.0  | 115                 |
| CU4032K250G | 250                     | 320        | 0.25                      | 19.0        | 1,200               | 390                           | 650                      | 10.0  | 105                 |
| CU4032K275G | 275                     | 350        | 0.25                      | 21.0        | 1,200               | 430                           | 710                      | 10.0  | 95                  |
| CU4032K300G | 300                     | 385        | 0.25                      | 23.0        | 1,200               | 470                           | 775                      | 10.0  | 90                  |

\* TOLERANCE: K ±10%, L ±15%, M ±20%