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## TRANSIENT VOLTAGE SUPPRESSORS (Operating Temperature -65°C to +175°C)

| 400W     | 600W     | 1500W | Breakdown Voltage |         | @ $\varphi$ | Working Peak Reverse Voltage | Maximum Reverse Leakage at VRMS |      |
|----------|----------|-------|-------------------|---------|-------------|------------------------------|---------------------------------|------|
|          |          |       | Minimum           | Maximum |             | VRMS (Volts)                 | IR(uA)                          |      |
| P4KE6.8  | P6KE6.8  | 1N    | 1.5KE6.8          | 6.12    | 7.48        | 10                           | 5.50                            | 1000 |
| P4KE6.8A | P6KE6.8A | 6267  | 1.5KE6.8A         | 6.45    | 7.14        | 10                           | 5.80                            | 1000 |
| P4KE7.5  | P6KE7.5  | 1N    | 1.5KE7.5          | 6.75    | 8.25        | 10                           | 6.05                            | 500  |
| P4KE7.5A | P6KE7.5A | 6267A | 1.5KE7.5A         | 7.13    | 7.88        | 10                           | 6.40                            | 500  |
| P4KE8.2  | P6KE8.2  | 1N    | 1.5KE8.2          | 7.38    | 9.02        | 10                           | 6.63                            | 200  |
| P4KE8.2A | P6KE8.2A | 6268  | 1.5KE8.2A         | 7.79    | 8.61        | 10                           | 7.02                            | 200  |
| P4KE9.1  | P6KE9.1  | 1N    | 1.5KE9.1          | 8.19    | 10.00       | 1.0                          | 7.37                            | 50   |
| P4KE9.1A | P6KE9.1A | 6268A | 1.5KE9.1A         | 8.65    | 9.55        | 1.0                          | 7.78                            | 50   |
| P4KE10   | P6KE10   | 1N    | 1.5KE10           | 9.00    | 11.0        | 1.0                          | 8.10                            | 10   |
| P4KE10A  | P6KE10A  | 6269  | 1.5KE10A          | 9.50    | 10.5        | 1.0                          | 8.55                            | 10   |
| P4KE11   | P6KE11   | 1N    | 1.5KE11           | 9.91    | 12.1        | 1.0                          | 8.92                            | 5    |
| P4KE11A  | P6KE11A  | 6269A | 1.5KE11A          | 10.5    | 11.6        | 1.0                          | 9.40                            | 5    |
| P4KE12   | P6KE12   | 1N    | 1.5KE12           | 10.8    | 13.2        | 1.0                          | 9.72                            | 5    |
| P4KE12A  | P6KE12A  | 6270  | 1.5KE12A          | 11.4    | 12.6        | 1.0                          | 10.2                            | 5    |
| P4KE13   | P6KE13   | 1N    | 1.5KE13           | 11.7    | 14.3        | 1.0                          | 10.5                            | 5    |
| P4KE13A  | P6KE13A  | 6270A | 1.5KE13A          | 12.4    | 13.7        | 1.0                          | 11.1                            | 5    |
| P4KE15   | P6KE15   | 1N    | 1.5KE15           | 13.5    | 16.5        | 1.0                          | 12.1                            | 5    |
| P4KE15A  | P6KE15A  | 6271  | 1.5KE15A          | 14.3    | 15.8        | 1.0                          | 12.8                            | 5    |
| P4KE16   | P6KE16   | 1N    | 1.5KE16           | 14.4    | 17.6        | 1.0                          | 12.9                            | 5    |
| P4KE16A  | P6KE16A  | 6271A | 1.5KE16A          | 15.2    | 16.8        | 1.0                          | 13.6                            | 5    |
| P4KE18   | P6KE18   | 1N    | 1.5KE18           | 16.2    | 19.8        | 1.0                          | 14.5                            | 5    |
| P4KE18A  | P6KE18A  | 6272  | 1.5KE18A          | 17.1    | 18.9        | 1.0                          | 15.3                            | 5    |
| P4KE20   | P6KE20   | 1N    | 1.5KE20           | 18.0    | 22.0        | 1.0                          | 16.2                            | 5    |
| P4KE20A  | P6KE20A  | 6272A | 1.5KE20A          | 19.0    | 21.0        | 1.A                          | 17.1                            | 5    |
| P4KE22   | P6KE22   | 1N    | 1.5KE22           | 19.8    | 24.2        | 1.0                          | 17.8                            | 5    |

|          |          |       |           |       |       |     |       |   |
|----------|----------|-------|-----------|-------|-------|-----|-------|---|
| P4KE22A  | P6KE22A  | 6273  | 1.5KE22A  | 20.9  | 23.1  | 1.0 | 18.8  | 5 |
| P4KE24   | P6KE24   | 1N    | 1.5KE24   | 21.6  | 26.4  | 1.0 | 19.4  | 5 |
| P4KE24A  | P6KE24A  | 6273A | 1.5KE24A  | 22.8  | 25.2  | 1.0 | 20.5  | 5 |
| P4KE27   | P6KE27   | 1N    | 1.5KE27   | 24.3  | 29.7  | 1.0 | 21.8  | 5 |
| P4KE27A  | P6KE27A  | 6274  | 1.5KE27A  | 25.7  | 28.4  | 1.0 | 23.1  | 5 |
| P4KE30   | P6KE30   | 1N    | 1.5KE30   | 27.0  | 33.0  | 1.0 | 24.3  | 5 |
| P4KE30A  | P6KE30A  | 6274A | 1.5KE30A  | 28.5  | 331.5 | 1.0 | 25.6  | 5 |
| P4KE33   | P6KE33   | 1N    | 1.5KE33   | 29.7  | 36.3  | 1.0 | 26.8  | 5 |
| P4KE33A  | P6KE33A  | 6275  | 1.5KE33A  | 31.4  | 34.7  | 1.0 | 28.2  | 5 |
| P4KE36   | P6KE36   | 1N    | 1.5KE36   | 32.4  | 39.6  | 1.0 | 29.1  | 5 |
| P4KE36A  | P6KE36A  | 6275A | 1.5KE36A  | 34.2  | 37.8  | 1.0 | 30.8  | 5 |
| P4KE39   | P6KE39   | 1N    | 1.5KE39   | 35.1  | 42.9  | 1.0 | 31.6  | 5 |
| P4KE39A  | P6KE39A  | 6276  | 1.5KE39A  | 37.1  | 41.0  | 1.0 | 33.3  | 5 |
| P4KE43   | P6KE43   | 1N    | 1.5KE43   | 38.7  | 47.3  | 1.0 | 34.8  | 5 |
| P4KE43A  | P6KE43A  | 6276A | 1.5KE43A  | 40.9  | 45.2  | 1.0 | 36.8  | 5 |
| P4KE47   | P6KE47   | 1N    | 1.5KE47   | 42.3  | 51.7  | 1.0 | 38.1  | 5 |
| P4KE47A  | P6KE47A  | 6277  | 1.5KE47A  | 44.7  | 49.4  | 1.0 | 40.2  | 5 |
| P4KE51   | P6KE51   | 1N    | 1.5KE51   | 45.9  | 56.1  | 1.0 | 41.3  | 5 |
| P4KE51A  | P6KE51A  | 6277A | 1.5KE51A  | 48.5  | 53.6  | 1.0 | 43.6  | 5 |
| P4KE56   | P6KE56   | 1N    | 1.5KE56   | 50.4  | 61.6  | 1.0 | 45.4  | 5 |
| P4KE56A  | P6KE56A  | 6278  | 1.5KE56A  | 53.2  | 58.8  | 1.0 | 47.8  | 5 |
| P4KE62   | P6KE62   | 1N    | 1.5KE62   | 55.8  | 68.2  | 1.0 | 50.2  | 5 |
| P4KE62A  | P6KE62A  | 6278A | 1.5KE62A  | 58.9  | 65.1  | 1.0 | 53.0  | 5 |
| P4KE68   | P6KE68   | 1N    | 1.5KE68   | 61.2  | 74.8  | 1.0 | 55.1  | 5 |
| P4KE68A  | P6KE68A  | 6279  | 1.5KE68A  | 64.6  | 71.4  | 1.0 | 58.1  | 5 |
| P4KE75   | P6KE75   | 1N    | 1.5KE75   | 67.5  | 82.5  | 1.0 | 60.7  | 5 |
| P4KE75A  | P6KE75A  | 6279A | 1.5KE75A  | 71.3  | 78.8  | 1.0 | 64.1  | 5 |
| P4KE82   | P6KE82   | 1N    | 1.5KE82   | 73.8  | 90.2  | 1.0 | 66.4  | 5 |
| P4KE82A  | P6KE82A  | 6280  | 1.5KE82A  | 77.9  | 86.1  | 1.0 | 70.1  | 5 |
| P4KE91   | P6KE91   | 1N    | 1.5KE91   | 81.9  | 100.0 | 1.0 | 73.7  | 5 |
| P4KE91A  | P6KE91A  | 6280A | 1.5KE91A  | 86.5  | 95.5  | 1.0 | 77.8  | 5 |
| P4KE100  | P6KE100  | 1N    | 1.5KE100  | 90.0  | 110.0 | 1.0 | 81.0  | 5 |
| P4KE100A | P6KE100A | 6281  | 1.5KE100A | 95.0  | 105.0 | 1.0 | 85.5  | 5 |
| P4KE110  | P6KE110  | 1N    | 1.5KE110  | 99.0  | 121.0 | 1.0 | 89.2  | 5 |
| P4KE110A | P6KE110A | 6281A | 1.5KE110A | 105.0 | 116.0 | 1.0 | 94.0  | 5 |
| P4KE120  | P6KE120  | 1N    | 1.5KE120  | 108.0 | 132.0 | 1.0 | 97.2  | 5 |
| P4KE120A | P6KE120A | 6282  | 1.5KE120A | 114.0 | 126.0 | 1.0 | 102.0 | 5 |
| P4KE130  | P6KE130  | 1N    | 1.5KE130  | 117.0 | 143.0 | 1.0 | 105.0 | 5 |
| P4KE130A | P6KE130A | 6282A | 1.5KE130A | 124.0 | 137.0 | 1.0 | 111.0 | 5 |
| P4KE150  | P6KE150  | 1N    | 1.5KE150  | 135.0 | 165.0 | 1.0 | 121.0 | 5 |
| P4KE150A | P6KE150A | 6283  | 1.5KE150A | 143.0 | 158.0 | 1.0 | 128.0 | 5 |
| P4KE160  | P6KE160  | 1N    | 1.5KE160  | 144.0 | 176.0 | 1.0 | 130.0 | 5 |
| P4KE160A | P6KE160A | 6283A | 1.5KE160A | 152.0 | 168.0 | 1.0 | 136.0 | 5 |

|          |          |       |           |       |       |     |       |   |
|----------|----------|-------|-----------|-------|-------|-----|-------|---|
| P4KE170  | P6KE170  | 1N    | 1.5KE170  | 153.0 | 187.0 | 1.0 | 138.0 | 5 |
| P4KE170A | P6KE170A | 6284  | 1.5KE170A | 162.0 | 179.0 | 1.0 | 145.0 | 5 |
| P4KE180  | P6KE180  | 1N    | 1.5KE180  | 162.0 | 198.0 | 1.0 | 146.0 | 5 |
| P4KE180A | P6KE180A | 6284A | 1.5KE180A | 171.0 | 189.0 | 1.0 | 154.0 | 5 |
| P4KE200  | P6KE200  | 1N    | 1.5KE200  | 180.0 | 220.0 | 1.0 | 162.0 | 5 |
| P4KE200A | P6KE200A | 6285  | 1.5KE200A | 190.0 | 210.0 | 1.0 | 171.0 | 5 |
| P4KE220  | P6KE220  | 1N    | 1.5KE220  | 198.0 | 242.0 | 1.0 | 175.0 | 5 |
| P4KE220A | P6KE220A | 6285A | 1.5KE220A | 209.0 | 231.0 | 1.0 | 185.0 | 5 |
| P4KE250  | P6KE250  | 1N    | 1.5KE250  | 225.0 | 275.0 | 1.0 | 202.0 | 5 |
| P4KE250A | P6KE250A | 6286  | 1.5KE250A | 237.0 | 267.0 | 1.0 | 214.0 | 5 |
| P4KE300  | P6KE300  | 1N    | 1.5KE300  | 270.0 | 330.0 | 1.0 | 243.0 | 5 |
| P4KE300A | P6KE300A | 6286A | 1.5KE300A | 285.0 | 315.0 | 1.0 | 256.0 | 5 |
| P4KE350  | P6KE350  | 1N    | 1.5KE350  | 315.0 | 385.0 | 1.0 | 284.0 | 5 |
| P4KE350A | P6KE350A | 6287  | 1.5KE350A | 332.0 | 368.0 | 1.0 | 300.0 | 5 |
| P4KE400  | P6KE400  | 1N    | 1.5KE400  | 360.0 | 440.0 | 1.0 | 324.0 | 5 |
| P4KE400A | P6KE400A | 6287A | 1.5KE400A | 380.0 | 420.0 | 1.0 | 342.0 | 5 |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6288  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6288A |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6289  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6289A |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6290  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6290A |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6291  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6291A |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6292  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6292A |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6293  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6293A |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |
|          |          | 6294  |           |       |       |     |       |   |
|          |          | 1N    |           |       |       |     |       |   |

6294A  
1N  
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