

### 5. RECTIFIERS

IN ORDER OF (1) PIV, (2) MAX AVG FWD CURRENT  
(3) TEMPERATURE, and (4) TYPE No.

| LINE No. | TYPE No.   | PIV (V) | MAX AVG FWD DC CURRENT |           | MAX RATINGS @ 25°C |                 | DISS. (W) | MAX. TEMP (°C) | MAXIMUM FORWARD VOLTAGE DROP |           |              | MAX. REVERSE CURRENT |             |             | AVALANCHE RATINGS |                | DESCRIPTION | DWG. No. |                 |
|----------|------------|---------|------------------------|-----------|--------------------|-----------------|-----------|----------------|------------------------------|-----------|--------------|----------------------|-------------|-------------|-------------------|----------------|-------------|----------|-----------------|
|          |            |         | 2 Io (A)               | 3 at (°C) | PEAK 1 Cy (A)      | PULSE WIDTH (s) |           |                | at V (V)                     | at If (A) | at TEMP (°C) | Ir @ 25°C (A)        | Ir & Vr (A) | TEMP T (°C) | VOLT Vr (V)       | MAX V BKDN (V) |             |          | MIN SLOPE (A/V) |
|          |            |         | (A)                    | (°C)      | (A)                | (s)             |           |                | (V)                          | (A)       | (°C)         | (A)                  | (A)         | (°C)        | (V)               | (V)            |             |          | (A/V)           |
| 1#       | DS2004SN13 | 1.3k    | 2.0k                   | 55C       | 25k                | 10m             | 180S      | 1.3            | 1.3                          | 3.4k      | 25C          | 25C                  | 5.0u        | 200m        | 150J              | 1.3k           | Si          | M722     |                 |
| 2#       | R920132000 | 1.3k    | 2.0k                   | 175       | 30k                |                 | 175       | 1.05           | 1.5k                         | 25        | 25           | 5.0u                 | 50m         | 150J        | 1.3k              | Si             | M822        |          |                 |
| 3#       | JD4000-13  | 1.3k    | 3.0k                   | 150J      | 50k                | 8.3m            | 150J      | 1.1            | 5.0k                         | 150J      | 25m          | 200m                 | 150J        | 1.3k        | Si                | M946           |             |          |                 |
| 4#       | 10R14B     | 1.4k    | .10                    | 25        | 60                 |                 | 175       | 4.0            | .10                          | 25        | 5.0u         | 50m                  | 150J        | 1.4k        | Si                |                |             |          |                 |
| 5#       | RGPO1-14   | 1.4k    | 100m                   | 55A       | 20                 | 8.3m            | 175A      | 1.5            | 100m                         | 25A       | 5.0u         | 500n                 | 150J        | 1.4k        | Si                | DO41           |             |          |                 |
| 6#       | 1N2884     | 1.4k    | 250m                   | 25A       |                    |                 | 150S      | 4.0            | 250m                         | 25A       | 500n         |                      | 150J        | 1.4k        | Si                | M122a          |             |          |                 |
| 7#       | 1N2885     | 1.4k    | 250m                   | 25A       |                    |                 | 150S      | 4.0            | 250m                         | 25A       | 500n         |                      | 150J        | 1.4k        | Si                | A83w           |             |          |                 |
| 8#       | 1N2357     | 1.4k    | .40                    | 25        | 15                 |                 | 150       | 2.0            | .65                          | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | DO1            |             |          |                 |
| 9#       | RA1E       | 1.4k    | 600m                   | 50A       | 25                 | 10m             | 130J      | 1.4            | 1.0                          | 25A       | 5.0u         |                      | 150J        | 1.4k        | Si                | A334           |             |          |                 |
| 10#      | SH1E       | 1.4k    | 600m                   | 50A       | 30                 | 10m             | 130J      | 1.2            | 500m                         | 25A       | 10u          |                      | 150J        | 1.4k        | Si                | A271           |             |          |                 |
| 11#      | 1N2779     | 1.4k    | .75                    | 25A       | 15                 |                 | 165S      | 1.8            | .75                          | 25A       | 4.0u         | .10m                 | 150J        | 1.4k        | Si                | A145           |             |          |                 |
| 12#      | 75R14B     | 1.4k    | .75                    | 25        | 60                 |                 | 175       | 4.0            | .75                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 13#      | 1N3725     | 1.4k    | .75                    | 50A       | 12                 |                 | 175A      | 2.2            | .75                          | 50A       | 5.0u         | .50m                 | 150A        | 1.4k        | Si                | A1bp           |             |          |                 |
| 14#      | 1N2362     | 1.4k    | 1.0                    | 25C       | 15                 |                 | 150       | 2.0            | 1.5                          | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | DO4            |             |          |                 |
| 15#      | 1N2363     | 1.4k    | 1.0                    | 25        | 15                 |                 | 150       | 2.0            | 1.5                          | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | S117           |             |          |                 |
| 16#      | 100R14B    | 1.4k    | 1.0                    | 25        | 60                 |                 | 175       | 4.0            | 1.0                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 17#      | SSiB9880A  | 1.4k    | 1.2                    | 45A       |                    | 10m             | 150J      | 1.46           | 6.3                          | 25J       |              | 1.0m                 | 150J        | 1.4k        | Si                | M571a          |             |          |                 |
| 18#      | 150R14B    | 1.4k    | 1.5                    | 25        | 60                 |                 | 175       | 4.0            | 1.5                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 19#      | SSiC9980A  | 1.4k    | 1.7                    | 45A       |                    | 10m             | 150J      | 1.48           | 7.8                          | 25J       |              | 1.0m                 | 150J        | 1.4k        | Si                | M571b          |             |          |                 |
| 20#      | DS1.8-14A  | 1.4k    | 1.7                    | 100C      | 60                 | 10m             | 150J      | 1.3            | 6.0                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 21#      | 200R14B    | 1.4k    | 2.0                    | 25        | 60                 |                 | 175       | 4.0            | 2.0                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 22#      | DS0.9-14A  | 1.4k    | 2.0                    | 45A       | 50                 | 10m             | 150J      | 1.2            | 3.0                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                | M841           |             |          |                 |
| 23#      | DSA0.9-14A | 1.4k    | 2.0                    | 45A       | 50                 | 10m             | 150J      | 1.2            | 3.0                          | 25        | 5.0u         | .50m                 | 150J        | 1.4k        | Si                | M841           |             |          |                 |
| 24#      | DS1.2-14A  | 1.4k    | 2.3                    | 45A       | 60                 | 10m             | 150J      | 1.3            | 6.0                          | 25J       | 5.0u         | .50m                 | 150J        | 1.4k        | Si                | A9p            |             |          |                 |
| 25#      | DSA1.2-14A | 1.4k    | 2.3                    | 45A       | 60                 | 10m             | 150J      | 1.3            | 6.0                          | 25J       | 5.0u         | .50m                 | 150J        | 1.4k        | Si                | A9p            |             |          |                 |
| 26#      | 250R14B    | 1.4k    | 2.5                    | 25        | 250                |                 | 175       | 4.0            | 2.5                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 27#      | DSA1.8-14A | 1.4k    | 2.5                    | 100C      | 60                 | 10m             | 150J      | 1.3            | 6.0                          | 25J       | 5.0u         | .50m                 | 150J        | 1.4k        | Si                | M571b          |             |          |                 |
| 28#      | 300R14B    | 1.4k    | 3.0                    | 25        | 250                |                 | 175       | 4.0            | 3.0                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 29#      | DS2-14A    | 1.4k    | 3.0                    | 45A       | 100                | 10m             | 150J      | 1.25           | 7.0                          | 25        | 1.0          | 1.0m                 | 150J        | 1.4k        | Si                | A9q            |             |          |                 |
| 30#      | DSA2-14A   | 1.4k    | 3.0                    | 45A       | 100                | 10m             | 150J      | 1.25           | 7.0                          | 25        | 1.0          | 1.0m                 | 150J        | 1.4k        | Si                | A9q            |             |          |                 |
| 31#      | S14BR2     | 1.4k    | 3.0                    | 95B       | 53                 | 20m             | 130B      | 550m           | 1.5                          | 25        |              | 2.0m                 | 125         | 1.4k        | Si                | S81            |             |          |                 |
| 32#      | 350R14B    | 1.4k    | 3.5                    | 25        | 250                |                 | 175       | 4.0            | 3.5                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 33#      | 400R14B    | 1.4k    | 4.0                    | 25        | 250                |                 | 175       | 4.0            | 4.0                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 34#      | 450R14B    | 1.4k    | 4.5                    | 25        | 250                |                 | 175       | 4.0            | 4.5                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 35#      | SSiD9980A  | 1.4k    | 4.7                    | 45A       |                    | 10m             | 150J      | 1.42           | 15                           | 25J       |              | 2.0m                 | 150J        | 1.4k        | Si                | S344           |             |          |                 |
| 36#      | 1N2362A    | 1.4k    | 5.0                    | 25A       | 20                 |                 | 150       | 2.0            | 8.0                          | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | DO4            |             |          |                 |
| 37#      | 1N2363A    | 1.4k    | 5.0                    | 25        | 20                 |                 | 150       | 2.0            | 8.0                          | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | S117           |             |          |                 |
| 38#      | 500R14B    | 1.4k    | 5.0                    | 25        | 250                |                 | 175       | 4.0            | 5.0                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 39#      | 550R14B    | 1.4k    | 5.5                    | 25        | 250                |                 | 175       | 4.0            | 5.5                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 40#      | 600R14B    | 1.4k    | 6.0                    | 25        | 250                |                 | 175       | 4.0            | 6.0                          | 25        | 10u          | 1.0m                 | 150J        | 1.4k        | Si                |                |             |          |                 |
| 41#      | S18HN6     | 1.4k    | 6.0                    | 125B      | 125                |                 | 150J      | 470m           | 6.0                          | 25J       | 150u         | 2.0m                 | 125B        | 1.8k        | Si                | DO4            |             |          |                 |
| 42#      | DA6-1400   | 1.4k    | 9.0                    | 95C       | 120                | 10m             | 150J      | 1.7            | 20                           | 25J       |              | 2.0m                 | 150J        | 1.4k        | Si                | A31u           |             |          |                 |
| 43#      | D6-1400    | 1.4k    | 9.5                    | 90C       | 120                | 10m             | 150J      | 1.5            | 20                           | 25J       | 10u          | 2.0m                 | 150J        | 1.4k        | Si                | A31u           |             |          |                 |
| 44#      | 1N2362B    | 1.4k    | 10                     | 25B       | 25                 |                 | 150       | 2.0            | 15                           | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | DO4            |             |          |                 |
| 45#      | 1N2363B    | 1.4k    | 10                     | 25C       | 25                 |                 | 150       | 2.0            | 15                           | 25        | 1.0u         |                      | 150J        | 1.4k        | Si                | S117           |             |          |                 |
| 46#      | DS6-14A    | 1.4k    | 10                     | 45A       | 140                | 10m             | 150J      | 1.6            | 30                           | 25        |              | 2.0                  | 150J        | 1.4k        | Si                | S344           |             |          |                 |
| 47#      | DSA6-14A   | 1.4k    | 10                     | 45A       | 140                | 10m             | 150J      | 1.6            | 30                           | 25        |              | 2.0                  | 150J        | 1.4k        | Si                | S344           |             |          |                 |
| 48#      | DS9-14A    | 1.4k    | 11                     | 45A       | 200                | 10m             | 150J      | 1.4            | 36                           | 25        |              | 2.0m                 | 150J        | 1.4k        | Si                | S344           |             |          |                 |
| 49#      | DSA9-14A   | 1.4k    | 11                     | 45A       | 200                | 10m             | 150J      | 1.4            | 36                           | 25        |              | 2.0m                 | 150J        | 1.4k        | Si                | S344           |             |          |                 |
| 50#      | D8-1400B   | 1.4k    | 12                     | 85C       | 120                | 10m             | 140J      | 1.5            | 25                           | 25J       | 1.0m         | 3.7m                 | 140J        | 1.4k        | Si                | M346           |             |          |                 |
| 51#      | D8-1400C   | 1.4k    | 12                     | 85C       | 120                | 10m             | 140J      | 1.5            | 25                           | 25J       | 1.0m         | 3.7m                 | 140J        | 1.4k        | Si                | S14r           |             |          |                 |
| 52#      | S18HN14    | 1.4k    | 12                     | 125B      | 210                |                 | 150J      | 500m           | 12                           | 25B       |              | 2.0m                 | 125B        | 1.8k        | Si                | DO4            |             |          |                 |
| 53#      | SKN12/14   | 1.4k    | 16                     | 100C      | 240                | 10m             | 180J      | 1.55           | 40                           | 25J       | 150u         |                      | 980         | 1.4k        | Si                | S4aa           |             |          |                 |
| 54#      | S20140     | 1.4k    | 16                     | 126C      | 200                | 8.3m            | 190J      | 1.3            | 30                           | 25C       |              | 1.0m                 | 150C        | 1.4k        | Si                | S488           |             |          |                 |
| 55#      | S21140     | 1.4k    | 16                     | 126C      | 250                | 8.3m            | 190J      | 1.3            | 30                           | 25C       |              | 1.0m                 | 150C        | 1.4k        | Si                | S488           |             |          |                 |
| 56#      | SSiE2080A  | 1.4k    | 20                     | 85C       | 250                | 10m             | 160J      |                |                              |           |              |                      |             | 1.5k        | Si                | S4p            |             |          |                 |
| 57#      | 2DN140     | 1.4k    | 20                     | 132C      | 250                | 10m             | 150J      | 1.6            | 125                          | 80C       | 3.0m         | 8.0m                 | 132C        | 1.4k        | Si                | S96c           |             |          |                 |
| 58#      | DSA17-14A  | 1.4k    | 25                     | 45A       | 250                | 10m             | 180J      | 1.36           | 55                           | 25        |              | 2.0m                 | 180J        | 1.4k        | Si                | S4v            |             |          |                 |
| 59#      | DS17-14A   | 1.4k    | 25                     | 45A       | 250                | 10m             | 180J      | 1.36           | 55                           | 25        |              | 2.0m                 | 180J        | 1.4k        | Si                | S4v            |             |          |                 |
| 60#      | DS17-14A   | 1.4k    | 25                     | 100C      | 250                | 10m             | 180A      | 1.36           | 55                           | 25J       | 10u          | 2.0m                 | 180J        | 1.4k        | Si                | S4v            |             |          |                 |
| 61#      | DSA17-14A  | 1.4k    | 25                     | 100C      | 250                | 10m             | 180A      | 1.36           | 55                           | 25J       | 10u          | 2.0m                 | 180J        | 1.4k        | Si                | S4v            |             |          |                 |
| 62#      | SKN20/14   | 1.4k    | 25                     | 100C      | 375                | 10m             | 180J      | 1.55           | 60                           | 25J       | 150u         |                      | 980         | 1.4k        | Si                | S171s          |             |          |                 |
| 63#      | SKN26/14   | 1.4k    | 25                     | 100C      | 375                | 10m             | 180J      | 1.55           | 60                           | 25J       | 150u         |                      | 980         | 1.4k        | Si                | DO4            |             |          |                 |
| 64#      | 3DN140     | 1.4k    | 30                     | 122C      | 500                | 10m             | 150J      | 1.4            | 125                          | 80C       | 3.0m         | 12m                  | 122C        | 1.4k        | Si                | S98c           |             |          |                 |
| 65#      | S31140     | 1.4k    | 30                     | 124C      | 300                | 8.3m            | 190J      | 1.3            | 90                           | 25C       |              | 1.0m                 | 150C        | 1.4k        | Si                | S488a          |             |          |                 |
| 66#      | DS22-14A   | 1.4k    | 33                     | 45A       | 420                | 10m             | 150J      | 1.8            | 120                          | 25        |              | 4.0m                 | 150J        | 1.4k        | Si                | S408c          |             |          |                 |
| 67#      | DSA22-14A  | 1.4k    | 33                     | 45A       | 420                | 10m             | 150J      | 1.8            | 120                          | 25        |              | 4.0m                 | 150J        | 1.4k        | Si                | S408c          |             |          |                 |
| 68#      | SU1401A    | 1.4k    | 36                     | 85C       | 600                | 10m             | 150J      | 1.6            | 90                           | 25C       | 200u         | 3.0m                 | 150C        | 1.4k        | Si                | S439           |             |          |                 |
| 69#      | SUT1401K   | 1.4k    | 36                     | 85C       | 600                | 10m             | 150J      | 1.6            | 90                           | 25C       | 200u         | 3.0m                 | 150C        | 1.4k        | Si                | S437           |             |          |                 |
| 70#      | S32140     | 1.4k    | 37                     | 123C      | 600                | 8.3m            | 190J      | 1.2            | 90                           | 25C       |              | 2.0m                 | 150C        | 1.4k        | Si                | S488b          |             |          |                 |
| 71#      | D24/1400B  | 1.4k    | 38                     | 83C       | 510                | 10m             | 150J      | 1.5            | 80                           | 25J       |              | 15m                  | 150J        | 1.4k        | Si                | S493a          |             |          |                 |
| 72#      | D24/1400C  | 1.4k    | 38                     | 83C       | 510                | 10m             | 150J      | 1.5            | 80                           | 25J       |              | 15m                  | 150J        | 1.4k        | Si                | S493a          |             |          |                 |
| 73#      | 4DN140     | 1.4k    | 40                     | 115C      | 700                | 10m             | 150J      | 1.25           | 125                          | 80C       | 3.0m         | 12m                  | 115C        | 1.4k        | Si                | S96c           |             |          |                 |
| 74#      | 4DNH140    | 1.4k    | 40                     | 130       | 250                | 10m             | 150       | 1.6            | 125                          | 80        | 3.0m         | 8.0m                 | 132         | 1.4k        | Si                |                |             |          |                 |
| 75#      | DSA35-14A  | 1.4k    | 42                     | 45A       | 600                | 10m             | 150J      | 1.55           | 150                          | 25        |              | 2.0m                 | 150J        | 1.4k        | Si                | S19u           |             |          |                 |
| 76#      | DSA135-14A | 1.4k    | 42                     | 45A       | 600                | 10m             | 150J      | 1.55           | 150                          | 25        |              | 2.0m                 | 150J        | 1.4k        | Si                | S19u           |             |          |                 |
| 77#      | DS135-14A  | 1.4k    | 42                     | 45A       | 600                | 10m             | 150J      | 1.55           | 150                          | 25        |              | 2.0m                 | 150J        | 1.4k        | Si                | S19u           |             |          |                 |
| 78#      | DS35-14A   | 1.4k    | 42                     | 100C      | 600                | 10m             | 150A      | 1.55           | 150                          | 25J       | 10u          | 2.0m                 | 150J        | 1.4k        | Si                | S19u           |             |          |                 |
| 79#      | S34140     | 1.4k    | 45                     | 122C      | 700                | 8.3m            | 190J      | 1.15           | 90                           | 25C       |              | 2.0m                 | 150C        | 1.4k        | Si                | S488b          |             |          |                 |
| 80#      | SSiF2080   | 1.4k    | 50                     | 85C       | 500                | 10m             | 160J      |                |                              |           |              |                      |             | 1.5k        | Si                | S72m           |             |          |                 |
| 81#      | SSiF2080A  | 1.4k    | 50                     | 85C       | 500                | 10m             | 160J      |                |                              |           |              |                      |             | 2.4k        | Si                | S52a           |             |          |                 |
| 82#      | SSiF2380   | 1.4k    | 50                     | 85C       | 500                | 10m             | 160J      |                |                              |           |              |                      |             |             | Si                | S53            |             |          |                 |
| 83#      | SKN45/14   | 1.4k    | 50                     | 100C      | 700                | 10m             | 180J      | 1.15           | 50                           | 25J       | 300u         | 5.0m                 | 160         | 980         | Si                | S171y          |             |          |                 |
| 84#      | D34/1400B  | 1.4k    | 54                     | 89C       | 550                | 10m             | 150J      | 1.5            | 100                          | 25J</     |              |                      |             |             |                   |                |             |          |                 |