

| TYP     | Maximum Recurrent Peak Reverse Voltage | Maximum Average Forward Rectified Current | Peak Forward Surge Current Half sine-wave Superimposed | Maximum Forward Voltage |      | Maximum DC Reverse Current T <sub>A</sub> =25°C | Typical Reverse Recovery Time |                                                                    | Package Style |
|---------|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|------|-------------------------------------------------|-------------------------------|--------------------------------------------------------------------|---------------|
|         | V <sub>RRM</sub>                       | I <sub>F(AV)</sub>                        | I <sub>FSM</sub>                                       | V <sub>FM</sub>         | Test | I <sub>R</sub>                                  | T <sub>rr</sub>               | Test                                                               |               |
|         | V                                      | A                                         | A                                                      | V                       | A    | μA                                              | nS                            |                                                                    |               |
| IS1553  | 60                                     | 100m                                      | 1.0                                                    | 1.4                     | 100m | 1.0                                             | 30n                           |                                                                    | DO-35         |
| IS1554  | 50                                     | 100m                                      | 1.0                                                    | 1.4                     | 100m | 1.0                                             | 30n                           |                                                                    | DO-35         |
| IS1555  | 30                                     | 100m                                      | 1.0                                                    | 1.4                     | 100m | 1.0                                             | 30n                           |                                                                    | DO-35         |
| IS1834  | 400                                    | 1.0                                       | 30                                                     | 1.2                     | 1.5  | 10                                              | 1.5μ                          | I <sub>F</sub> =20mA<br>I <sub>R</sub> =1mA                        | DO-15         |
| IS1835  | 600                                    | 1.0                                       | 30                                                     | 1.2                     | 1.5  | 10                                              | 1.5μ                          |                                                                    | DO-15         |
| IS1885  | 100                                    | 1.5                                       | 60                                                     | 1.2                     | 1.5  | 10                                              | 5.0μ                          | I <sub>F</sub> =20mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
| IS1886  | 200                                    | 1.5                                       | 60                                                     | 1.2                     | 1.5  | 10                                              | 5.0μ                          |                                                                    | DO-15         |
| IS1887  | 400                                    | 1.5                                       | 60                                                     | 1.2                     | 1.5  | 10                                              | 5.0μ                          |                                                                    | DO-15         |
| IS1888  | 600                                    | 1.5                                       | 60                                                     | 1.2                     | 1.5  | 10                                              | 5.0μ                          |                                                                    | DO-15         |
| IS1941  | 100                                    | 500m                                      | 35                                                     | 1.2                     | 500m | 10                                              | --                            | --                                                                 | DO-15         |
| IS1942  | 200                                    | 500m                                      | 35                                                     | 1.2                     | 500m | 10                                              | --                            | --                                                                 | DO-15         |
| IS1943  | 400                                    | 500m                                      | 35                                                     | 1.2                     | 500m | 10                                              | --                            | --                                                                 | DO-15         |
| IS1944  | 600                                    | 500m                                      | 35                                                     | 1.2                     | 500m | 10                                              | --                            | --                                                                 | DO-15         |
| IS2076  | 30                                     | 150m                                      | 1.0                                                    | 0.8                     | 10m  | 1.0                                             | 20n                           |                                                                    | DO-35         |
| IS2076A | 70                                     | 150m                                      | 1.0                                                    | 0.8                     | 10m  | 1.0                                             | 20n                           |                                                                    | DO-35         |
| IS2471  | 90                                     | 130m                                      | 0.6                                                    | 1.2                     | 100m | 0.8                                             | 4.0n                          |                                                                    | DO-35         |
| IS2472  | 55                                     | 120m                                      | 0.6                                                    | 1.2                     | 100m | 0.8                                             | 4.0n                          |                                                                    | DO-35         |
| IS2473  | 40                                     | 110m                                      | 0.6                                                    | 1.2                     | 100m | 0.8                                             | 4.0n                          |                                                                    | DO-35         |
| IS2473H | 35                                     | 100m                                      | 0.6                                                    | 1.2                     | 100m | 0.8                                             | 4.0n                          |                                                                    | DO-35         |
| ISS104  | 30                                     | 100m                                      | 1.0                                                    | 1.3                     | 100m | 1                                               | 40n                           |                                                                    | DO-35         |
| 2AP9    | 10                                     | 10m                                       | 50m                                                    | 0.9                     | 10m  | 20                                              | --                            | --                                                                 | DO-7          |
| 2AP10   | 20                                     | 8m                                        | 50m                                                    | 1.0                     | 8m   | 20                                              | --                            | --                                                                 | DO-7          |
| MA150   | 35                                     | 0.1                                       | 0.8                                                    | 1.2                     | 0.1  | 2                                               | 10n                           |                                                                    | DO-35         |
| MA161   | 50                                     | 0.1                                       | 0.8                                                    | 1.2                     | 0.1  | 2                                               | 4n                            |                                                                    | DO-35         |
| MA162   | 75                                     | 0.1                                       | 0.8                                                    | 1.2                     | 0.1  | 2                                               | 4n                            |                                                                    | DO-35         |
| MA165   | 35                                     | 0.1                                       | 0.8                                                    | 1.2                     | 0.1  | 2                                               | 10n                           |                                                                    | DO-35         |
| MA166   | 50                                     | 0.1                                       | 0.8                                                    | 1.2                     | 0.1  | 2                                               | 4n                            |                                                                    | DO-35         |
| MA167   | 75                                     | 0.1                                       | 0.8                                                    | 1.2                     | 0.1  | 2                                               | 4n                            |                                                                    | DO-35         |

| TYPE       | Maximum Recurrent Peak Reverse Voltage | Maximum Average Forward Rectified Current | Peak Forward Surge Current Half sine-wave Superimposed | Maximum Forward Voltage |      | Maximum DC Reverse Current T <sub>A</sub> =25°C | Typical Reverse Recovery Time |                                                                    | Package Style |
|------------|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|------|-------------------------------------------------|-------------------------------|--------------------------------------------------------------------|---------------|
|            | V <sub>RRM</sub>                       | I <sub>F(AV)</sub>                        | I <sub>FSM</sub>                                       | V <sub>FM</sub>         | Test | I <sub>R</sub>                                  | T <sub>rr</sub>               | Test                                                               |               |
|            | V                                      | A                                         | A                                                      | V                       | A    | μA                                              | nS                            |                                                                    |               |
| RM1ZM      | 200                                    | 1.0                                       | 50                                                     | 0.98                    | 1.0  | 5                                               | --                            | --                                                                 | DO-41/DO-15   |
| RM11       | 400                                    | 1.2                                       | 100                                                    | 0.92                    | 1.5  | 10                                              | --                            | --                                                                 | SDO-15        |
| RM11A      | 600                                    | 1.2                                       | 100                                                    | 0.92                    | 1.5  | 10                                              | --                            | --                                                                 | SDO-15        |
| RM11B      | 800                                    | 1.2                                       | 100                                                    | 0.92                    | 1.5  | 10                                              | --                            | --                                                                 | SDO-15        |
| RM11C      | 1000                                   | 1.2                                       | 100                                                    | 0.92                    | 1.5  | 10                                              | --                            | --                                                                 | SDO-15        |
| RU2        | 600                                    | 1.0                                       | 35                                                     | 1.2                     | 1.0  | 10                                              | 0.4                           | I <sub>F</sub> =20mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
| RU3        | 400                                    | 1.5                                       | 40                                                     | 1.5                     | 1.5  | 10                                              | 0.2μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
| RU3A       | 600                                    | 1.5                                       | 40                                                     | 1.5                     | 1.5  | 10                                              | 0.25μ                         |                                                                    | DO-15         |
| RU3AM      | 800                                    | 1.5                                       | 40                                                     | 1.1                     | 1.5  | 10                                              | 0.3μ                          |                                                                    | DO-15         |
| RU3M       | 1000                                   | 1.5                                       | 40                                                     | 1.1                     | 1.5  | 10                                              | 0.4μ                          |                                                                    | DO-15         |
| RU4        | 400                                    | 1.5                                       | 40                                                     | 1.5                     | 3.0  | 10                                              | 0.2μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
| RU4A       | 600                                    | 1.5                                       | 40                                                     | 1.5                     | 3.0  | 10                                              | 0.2μ                          |                                                                    | DO-15         |
| RU4M       | 600                                    | 2.0                                       | 80                                                     | 1.3                     | 3.5  | 10                                              | 0.2μ                          |                                                                    | DO-15         |
| RU4B       | 800                                    | 1.5                                       | 40                                                     | 1.6                     | 3.0  | 10                                              | 0.3μ                          |                                                                    | DO-15         |
| RU4C       | 100                                    | 1.5                                       | 40                                                     | 1.6                     | 3.0  | 10                                              | 0.4μ                          |                                                                    | DO-15         |
| RU4D       | 1300                                   | 2.0                                       | 40                                                     | 1.8                     | 1.5  | 10                                              | 0.4μ                          |                                                                    | DO-15         |
| RU4M       | 400                                    | 2.0                                       | 80                                                     | 1.3                     | 3.5  | 10                                              | 0.2μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-27         |
| RU4Y       | 100                                    | 2.0                                       | 80                                                     | 1.3                     | 3.5  | 10                                              | 0.2μ                          |                                                                    | DO-27         |
| RU4YX      | 100                                    | 2.2                                       | 80                                                     | 0.85                    | 2.0  | 10                                              | 0.2μ                          |                                                                    | DO-27         |
| RU4Z       | 200                                    | 2.0                                       | 80                                                     | 1.3                     | 3.5  | 10                                              | 0.2μ                          |                                                                    | DO-27         |
| S5295G     | 400                                    | 1.0                                       | 35                                                     | 1.2                     | 1.0  | 10                                              | 0.3μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15/DO-41   |
| S5295J     | 600                                    | 1.0                                       | 35                                                     | 1.2                     | 1.0  | 10                                              | 0.4μ                          |                                                                    | DO-15/DO-41   |
| SM-1-02FRA | 200                                    | 0.8                                       | 30                                                     | 1.1                     | 0.8  | 10                                              | 0.6μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V                        | DO-15/DO-41   |
| TVR1B      | 100                                    | 0.5                                       | 30                                                     | 1.2                     | 0.5  | 10                                              | 2μ                            | I <sub>F</sub> =20mA<br><br>I <sub>R</sub> =1mA                    | DO-41         |
| TVR1D      | 200                                    | 0.5                                       | 30                                                     | 1.2                     | 0.5  | 10                                              | 2μ                            |                                                                    | DO-41         |
| TVR1G      | 400                                    | 0.5                                       | 30                                                     | 1.2                     | 0.5  | 10                                              | 2μ                            |                                                                    | DO-41         |
| TVR1J      | 600                                    | 0.5                                       | 30                                                     | 1.2                     | 0.5  | 10                                              | 2μ                            |                                                                    | DO-41         |

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|----------|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|------|-------------------------------------------------|-------------------------------|--------------------------------------------------------------------|---------------|
|          | V <sub>RRM</sub>                       | I <sub>F(AV)</sub>                        | I <sub>FSM</sub>                                       | V <sub>FM</sub>         | Test | I <sub>R</sub>                                  | T <sub>rr</sub>               | Test                                                               |               |
|          | V                                      | A                                         | A                                                      | V                       | A    | μA                                              | nS                            |                                                                    |               |
| RGP15A   | 50                                     | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.15μ                         | I <sub>F</sub> =0.5A                                               | DO-15         |
| RGP15B   | 100                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.15μ                         |                                                                    | DO-15         |
| RGP15D   | 200                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.15μ                         |                                                                    | DO-15         |
| RGP15G   | 400                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.15μ                         |                                                                    | DO-15         |
| RGP15J   | 600                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.25μ                         | I <sub>R</sub> =1A                                                 | DO-15         |
| RGP15K   | 800                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.5μ                          |                                                                    | DO-15         |
| RGP15M   | 1000                                   | 1.5                                       | 50                                                     | 1.3                     | 1.5  | 5                                               | 0.5μ                          |                                                                    | DO-15         |
| RGP30A   | 50                                     | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.15μ                         | I <sub>F</sub> =0.5A                                               | DO-27         |
| RGP30B   | 100                                    | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.15μ                         |                                                                    | DO-27         |
| RGP30D   | 200                                    | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.15μ                         |                                                                    | DO-27         |
| RGP30G   | 400                                    | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.15μ                         |                                                                    | DO-27         |
| RGP30J   | 600                                    | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.25μ                         | I <sub>R</sub> =1A                                                 | DO-27         |
| RGP30K   | 800                                    | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.5μ                          |                                                                    | DO-27         |
| RGP30M   | 1000                                   | 3.0                                       | 125                                                    | 1.3                     | 3    | 5                                               | 0.5μ                          |                                                                    | DO-27         |
| RH1      | 400                                    | 0.6                                       | 20                                                     | 1.3                     | 0.6  | 5                                               | 0.4μ                          | I <sub>F</sub> =50mA                                               | DO-41/DO-15   |
| RH1A     | 600                                    | 0.6                                       | 20                                                     | 1.3                     | 0.6  | 5                                               | 0.4μ                          |                                                                    | DO-41/DO-15   |
| RH1B     | 800                                    | 0.6                                       | 20                                                     | 1.3                     | 0.6  | 5                                               | 0.4μ                          | V <sub>R</sub> =10V                                                | DO-41/DO-15   |
| RH1C     | 1000                                   | 0.6                                       | 20                                                     | 1.3                     | 0.6  | 5                                               | 0.4μ                          |                                                                    | DO-41/DO-15   |
| RH1Z     | 200                                    | 0.6                                       | 20                                                     | 1.3                     | 0.6  | 5                                               | 0.4μ                          | R <sub>L</sub> =75Ω                                                | DO-41/DO-15   |
| 2CZ92C   | 200                                    | 0.3                                       | 20                                                     | 1.3                     | 0.3  | 5                                               | 1.0μ                          | I <sub>F</sub> =50mA                                               | DO-15/DO-41   |
| 2CZ92D   | 300                                    | 0.3                                       | 20                                                     | 1.3                     | 0.3  | 5                                               | 1.0μ                          |                                                                    | DO-15/DO-41   |
| 2CZ92E   | 400                                    | 0.3                                       | 20                                                     | 1.3                     | 0.3  | 5                                               | 1.0μ                          | V <sub>R</sub> =10V                                                | DO-15/DO-41   |
| 2CZ92G   | 600                                    | 0.3                                       | 20                                                     | 1.3                     | 0.3  | 5                                               | 1.0μ                          |                                                                    | DO-15/DO-41   |
| 2CZ92H   | 900                                    | 0.3                                       | 20                                                     | 1.3                     | 0.3  | 5                                               | 1.0μ                          | R <sub>L</sub> =75Ω                                                | DO-15/DO-41   |
| 2CZ1834  | 400                                    | 1.0                                       | 60                                                     | 1.2                     | 1.0  | 10                                              | 0.2μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
| 2CZ1835  | 600                                    | 1.0                                       | 60                                                     | 1.2                     | 1.0  | 10                                              | 0.2μ                          |                                                                    | DO-15         |
| 2CZ1887  | 400                                    | 1.0                                       | 60                                                     | 1.2                     | 1.0  | 10                                              | --                            | I <sub>F</sub> =50mA                                               | DO-15/DO-41   |
| 2CZ4406E | 600                                    | 1.5                                       | 30                                                     | 1.1                     | 1.5  | 10                                              | 0.2μ                          |                                                                    | DO-15/DO-41   |
| 2CZ5295G | 400                                    | 1.0                                       | 30                                                     | 1.5                     | 1.0  | 10                                              | 0.2μ                          | V <sub>R</sub> =10V                                                | DO-15/DO-41   |
| 2CZ5295J | 600                                    | 1.0                                       | 30                                                     | 1.5                     | 1.0  | 10                                              | 0.2μ                          |                                                                    | DO-15/DO-41   |
| 2CZEM01Z | 200                                    | 1.0                                       | 45                                                     | 0.97                    | 1.0  | 5                                               | --                            | I <sub>F</sub> =50mA                                               | DO-15/DO-41   |
| 2CZESI   | 400                                    | 1.0                                       | 30                                                     | 2.5                     | 1.0  | 5                                               | 0.75μ                         | V <sub>R</sub> =10V                                                | DO-15/DO-41   |
| 2CZEUC   | 600                                    | 0.5                                       | 30                                                     | 2.5                     | 0.5  | 5                                               | 0.2μ                          |                                                                    | DO-15/DO-41   |

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|-----------|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|------|-----------------------------------------------------|-------------------------------|-------------------------------------|---------------|
|           | VRRM                                   | IF(AV)                                    | IFSM                                                   | VFM                     | Test | IR                                                  | Trr                           | Test                                |               |
|           | V                                      | A                                         | A                                                      | V                       | A    | $\mu\text{A}$                                       | nS                            |                                     |               |
| BYV95A    | 200                                    | 1.5                                       | 35                                                     | 1.6                     | 3.0  | 10                                                  | 0.25 $\mu$                    | IF=0.5A<br>IR=1.0A                  | DO-204AP      |
| BYV95B    | 400                                    | 1.5                                       | 35                                                     | 1.6                     | 3.0  | 10                                                  | 0.25 $\mu$                    |                                     | DO-204AP      |
| BYV95C    | 600                                    | 1.5                                       | 35                                                     | 1.6                     | 3.0  | 10                                                  | 0.25 $\mu$                    |                                     | DO-204AP      |
| BYV95D    | 800                                    | 1.5                                       | 35                                                     | 1.6                     | 3.0  | 10                                                  | 0.25 $\mu$                    |                                     | DO-204AP      |
| BYV95E    | 1000                                   | 1.5                                       | 35                                                     | 1.6                     | 3.0  | 10                                                  | 0.25 $\mu$                    |                                     | DO-204AP      |
| BYW32     | 200                                    | 2.0                                       | 40                                                     | 1.2                     | 1.0  | 5                                                   | 0.2 $\mu$                     | IF=0.5A<br>IR=1.0A                  | DO-204AP      |
| BYW33     | 300                                    | 2.0                                       | 40                                                     | 1.2                     | 1.0  | 5                                                   | 0.2 $\mu$                     |                                     | DO-204AP      |
| BYW34     | 400                                    | 2.0                                       | 40                                                     | 1.2                     | 1.0  | 5                                                   | 0.2 $\mu$                     |                                     | DO-204AP      |
| BYW35     | 500                                    | 2.0                                       | 40                                                     | 1.2                     | 1.0  | 5                                                   | 0.2 $\mu$                     |                                     | DO-204AP      |
| BYW36     | 600                                    | 2.0                                       | 40                                                     | 1.2                     | 1.0  | 5                                                   | 0.2 $\mu$                     |                                     | DO-204AP      |
| EH-1      | 400                                    | 0.6                                       | 20                                                     | 1.35                    | 0.6  | 10                                                  | 2 $\mu$                       | IF=50mA<br>VR=10V<br>RL=75 $\Omega$ | DO-15/DO-41   |
| EH-1Z     | 200                                    | 0.6                                       | 20                                                     | 1.35                    | 0.6  | 10                                                  | 2 $\mu$                       |                                     | DO-15/DO-41   |
| EM1A      | 600                                    | 1.0                                       | 45                                                     | 0.97                    | 1.0  | 10                                                  | --                            | --                                  | DO-15         |
| EM01Z     | 200                                    | 1.0                                       | 45                                                     | 0.97                    | 1.0  | 10                                                  | --                            | --                                  | DO-15         |
| ERA1506   | 600                                    | 1.0                                       | 40                                                     | 1.1                     | 2.0  | 10                                                  | --                            | --                                  | DO-15         |
| ERB1202   | 200                                    | 1.0                                       | 60                                                     | 1.2                     | 2.0  | 10                                                  | --                            | --                                  | DO-15         |
| ERB4304   | 400                                    | 0.5                                       | 30                                                     | 1.1                     | 1.0  | 10                                                  | 0.2 $\mu$                     | IF=50mA<br>VR=10V                   | DO-15         |
| ERB4406   | 600                                    | 1.0                                       | 40                                                     | 1.1                     | 1.5  | 10                                                  | 0.2 $\mu$                     |                                     | DO-15         |
| ERC0102   | 200                                    | 1.5                                       | 100                                                    | 1.1                     | 4.0  | 10                                                  |                               |                                     | SDO-15        |
| ERC05-10B | 1000                                   | 1.2                                       | 100                                                    | 1.0                     | 4.0  | 10                                                  |                               |                                     | SDO-15        |
| ES1       | 400                                    | 0.8                                       | 20                                                     | 2.5                     | 0.8  | 10                                                  | 0.5 $\mu$                     | IF=50mA<br>VR=10V<br>RL=75 $\Omega$ | DO-15/DO-41   |
| ES1A      | 600                                    | 0.8                                       | 20                                                     | 2.5                     | 0.8  | 10                                                  | 0.6 $\mu$                     |                                     | DO-15/DO-41   |
| ES1F      | 1500                                   | 0.5                                       | 20                                                     | 2.0                     | 0.5  | 10                                                  | 0.6 $\mu$                     |                                     | DO-15/DO-41   |
| EU01A     | 600                                    | 0.5                                       | 20                                                     | 2.5                     | 0.5  | 10                                                  | 0.2 $\mu$                     | IF=50mA<br>VR=10V<br>RL=75 $\Omega$ | DO-15/DO-41   |
| EU1       | 400                                    | 0.5                                       | 20                                                     | 2.5                     | 0.5  | 10                                                  | 0.2 $\mu$                     |                                     | DO-15/DO-41   |
| EU1A      | 600                                    | 0.5                                       | 20                                                     | 2.5                     | 0.5  | 10                                                  | 0.2 $\mu$                     |                                     | DO-15/DO-41   |
| EU1C      | 1000                                   | 0.5                                       | 20                                                     | 2.5                     | 0.5  | 10                                                  | 0.2 $\mu$                     |                                     | DO-15/DO-41   |
| EU1Z      | 200                                    | 0.5                                       | 20                                                     | 2.5                     | 0.5  | 10                                                  | 0.2 $\mu$                     |                                     | DO-15/DO-41   |

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|----------|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|------|-------------------------------------------------|-------------------------------|--------------------------------------------------------------------|---------------|
|          | V <sub>RRM</sub>                       | I <sub>F(AV)</sub>                        | I <sub>FSM</sub>                                       | V <sub>FM</sub>         | Test | I <sub>R</sub>                                  | T <sub>rr</sub>               | Test                                                               |               |
|          | V                                      | A                                         | A                                                      | V                       | A    | μA                                              | nS                            |                                                                    |               |
| 2DG1A    | 300                                    | 0.3                                       | 20                                                     | 1.3                     | 0.3  | 5                                               | 1μ                            |                                                                    | DO-15/DO-41   |
| 3JH61    | 600                                    | 1.5                                       | 60                                                     | 1.4                     | 3.0  | 10                                              | 1.5μ                          |                                                                    | DO-204AP      |
| 2CZRU2   | 600                                    | 1.0                                       | 20                                                     | 1.2                     | 1.0  | 10                                              | 0.2μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15/DO-41   |
| 2CZRU4Z  | 200                                    | 2.0                                       | 70                                                     | 1.3                     | 2.0  | 10                                              | 0.2μ                          |                                                                    | DO-27         |
| 2CZRG2   | 400                                    | 1.2                                       | 50                                                     | 1.5                     | 1.2  | 500                                             | 0.1μ                          |                                                                    | DO-15/DO-41   |
| 2CZRMIZM | 200                                    | 1.0                                       | 50                                                     | 1.2                     | 1.0  | 5                                               | 5μ                            |                                                                    | DO-15/DO-41   |
| BYD33D   | 200                                    | 1.3                                       | 30                                                     | 1.3                     | 1.0  | 10                                              | 0.25μ                         | I <sub>F</sub> =0.5A                                               | DO-15/DO-41   |
| BYD33G   | 400                                    | 1.3                                       | 30                                                     | 1.3                     | 1.0  | 10                                              | 0.25μ                         |                                                                    | DO-15/DO-41   |
| BYD33J   | 600                                    | 1.3                                       | 30                                                     | 1.3                     | 1.0  | 10                                              | 0.25μ                         | I <sub>R</sub> =1.0A                                               | DO-15/DO-41   |
| BYD33K   | 800                                    | 1.3                                       | 30                                                     | 1.3                     | 1.0  | 10                                              | 0.3μ                          |                                                                    | DO-15/DO-41   |
| BYD33M   | 100                                    | 1.3                                       | 30                                                     | 1.3                     | 1.0  | 10                                              | 0.3μ                          |                                                                    | DO-15/DO-41   |
| BYM36A   | 200                                    | 3.0                                       | 150                                                    | 1.6                     | 3.0  | 10                                              | 100 n                         | I <sub>F</sub> =0.5A                                               | DO-27         |
| BYM36B   | 400                                    | 3.0                                       | 150                                                    | 1.6                     | 3.0  | 10                                              | 100 n                         |                                                                    | DO-27         |
| BYM36C   | 600                                    | 3.0                                       | 150                                                    | 1.6                     | 3.0  | 10                                              | 100 n                         | I <sub>R</sub> =1.0A                                               | DO-27         |
| BYM36D   | 800                                    | 3.0                                       | 150                                                    | 1.8                     | 3.0  | 10                                              | 100 n                         |                                                                    | DO-27         |
| BYM36E   | 100                                    | 3.0                                       | 150                                                    | 1.8                     | 3.0  | 10                                              | 100 n                         |                                                                    | DO-27         |
| BYT52A   | 50                                     | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          | I <sub>F</sub> =0.5A                                               | DO-15         |
| BYT52B   | 100                                    | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          |                                                                    | DO-15         |
| BYT52D   | 200                                    | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          | I <sub>R</sub> =1.0A                                               | DO-15         |
| BYT52G   | 400                                    | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          |                                                                    | DO-15         |
| BYT52J   | 600                                    | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          |                                                                    | DO-15         |
| BYT52K   | 800                                    | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          |                                                                    | DO-15         |
| BYT52M   | 1000                                   | 1.0                                       | 40                                                     | 1.3                     | 1.0  | 5                                               | 0.2μ                          |                                                                    | DO-15         |
| BYT56A   | 50                                     | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          | I <sub>F</sub> =0.5A                                               | DO-27         |
| BYT56B   | 100                                    | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          |                                                                    | DO-27         |
| BYT56D   | 200                                    | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          | I <sub>R</sub> =1.0A                                               | DO-27         |
| BYT56G   | 400                                    | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          |                                                                    | DO-27         |
| BYT56J   | 600                                    | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          |                                                                    | DO-27         |
| BYT56K   | 800                                    | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          |                                                                    | DO-27         |
| BYT56M   | 1000                                   | 3.0                                       | 150                                                    | 1.4                     | 3.0  | 10                                              | 0.1μ                          |                                                                    | DO-27         |

| TYPE   | Maximum Recurrent Peak Reverse Voltage | Maximum Average Forward Rectified Current | Peak Forward Surge Current Half sine-wave Superimposed | Maximum Forward Voltage |      | Maximum DC Reverse Current T <sub>A</sub> =25°C | Typical Reverse Recovery Time |                                                                    | Package Style |
|--------|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|------|-------------------------------------------------|-------------------------------|--------------------------------------------------------------------|---------------|
|        | V <sub>RRM</sub>                       | I <sub>F(AV)</sub>                        | I <sub>FSM</sub>                                       | V <sub>FM</sub>         | Test | I <sub>R</sub>                                  | T <sub>rr</sub>               | Test                                                               |               |
|        | V                                      | A                                         | A                                                      | V                       | A    | μA                                              | nS                            |                                                                    |               |
| GP15A  | 50                                     | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            | I <sub>F</sub> =0.5A                                               | DO-15         |
| GP15B  | 100                                    | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            |                                                                    | DO-15         |
| GP15D  | 200                                    | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            |                                                                    | DO-15         |
| GP15G  | 400                                    | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            |                                                                    | DO-15         |
| GP15J  | 600                                    | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            | I <sub>R</sub> =1.0A                                               | DO-15         |
| GP15K  | 800                                    | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            |                                                                    | DO-15         |
| GP15M  | 1000                                   | 1.5                                       | 50                                                     | 1.1                     | 1.5  | 5                                               | 2μ                            |                                                                    | DO-15         |
| PBL401 | 50                                     | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| PBL402 | 100                                    | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| PBL403 | 200                                    | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| PBL404 | 400                                    | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| PBL405 | 600                                    | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| PBL406 | 800                                    | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| PBL407 | 1000                                   | 4.0                                       | 200                                                    | 1.1                     | 3.0  | 10                                              | --                            | --                                                                 | DO-27         |
| RC2    | 2000                                   | 0.2                                       | 20                                                     | 2.0                     | 0.2  | 10                                              | 1.5μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15/DO-41   |
| RG2    | 400                                    | 1.5                                       | 50                                                     | 1.5                     | 1.5  | 500                                             | 0.1μ                          |                                                                    | DO-15/DO-41   |
| RG4C   | 1000                                   | 1.0                                       | 30                                                     | 3.0                     | 2.0  | 10                                              | 0.1μ                          |                                                                    | DO-15/DO-41   |
| RGP10A | 50                                     | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.15μ                         | I <sub>F</sub> =0.5A                                               | DO-15/DO-41   |
| RGP10B | 100                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.15μ                         |                                                                    | DO-15/DO-41   |
| RGP10D | 200                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.15μ                         |                                                                    | DO-15/DO-41   |
| RGP10G | 400                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.15μ                         |                                                                    | DO-15/DO-41   |
| RGP10J | 600                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.25μ                         | I <sub>R</sub> =1.0A                                               | DO-15/DO-41   |
| RGP10K | 800                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.5μ                          |                                                                    | DO-15/DO-41   |
| RGP10M | 1000                                   | 1.0                                       | 30                                                     | 1.3                     | 1.0  | 5                                               | 0.5μ                          |                                                                    | DO-15/DO-41   |

| TYPE             |   | Maximum Recurrent Peak Reverse Voltage | Maximum Average Forward Rectified Current | Peak Forward Surge Current Half sine-wave Superimposed | Maximum Forward Voltage |       | Maximum DC Reverse Current T <sub>A</sub> =25°C | Typical Reverse Recovery Time |                                                                    | Package Style |
|------------------|---|----------------------------------------|-------------------------------------------|--------------------------------------------------------|-------------------------|-------|-------------------------------------------------|-------------------------------|--------------------------------------------------------------------|---------------|
|                  |   | V <sub>RRM</sub>                       | I <sub>F(AV)</sub>                        | I <sub>FSM</sub>                                       | V <sub>FM</sub>         | Test  | I <sub>R</sub>                                  | T <sub>rr</sub>               | Test                                                               |               |
|                  |   | V                                      | A                                         | A                                                      | V                       | A     | μA                                              | nS                            |                                                                    |               |
| 2CN3<br>(2CN6)   | D | 300                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0   | 10                                              | 6μ                            | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
|                  | E | 400                                    | 1.0                                       | 30                                                     | 1.4                     | 1.0   | 10                                              | 6μ                            |                                                                    | DO-15         |
|                  | G | 600                                    | 1.0                                       | 30                                                     | 1.2                     | 1.0   | 10                                              | 6μ                            |                                                                    | DO-15         |
|                  | H | 900                                    | 1.0                                       | 30                                                     | 1.3                     | 1.0   | 10                                              | 6μ                            |                                                                    | DO-15         |
| 2CN4<br>(2CN5)   | D | 200                                    | 1.5                                       | 40                                                     | 1.3                     | 1.5   | 10                                              | 0.5μ                          | I <sub>F</sub> =50mA<br>V <sub>R</sub> =10V<br>R <sub>L</sub> =75Ω | DO-15         |
|                  | E | 300                                    | 1.5                                       | 40                                                     | 1.3                     | 1.5   | 10                                              | 0.5μ                          |                                                                    | DO-15         |
|                  | G | 400                                    | 1.5                                       | 40                                                     | 1.3                     | 1.5   | 10                                              | 0.5μ                          |                                                                    | DO-15         |
|                  | H | 600                                    | 1.5                                       | 40                                                     | 1.3                     | 1.5   | 10                                              | 0.5μ                          |                                                                    | DO-15         |
| 2CZ32<br>(2CZ33) | B | 100                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | C | 200                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | D | 300                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | E | 400                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | F | 500                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | G | 600                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | H | 800                                    | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
|                  | J | 1000                                   | 1.5                                       | 50                                                     | 1.3                     | 1.5   | 10                                              | --                            | --                                                                 | DO-15         |
| 2CZ37            |   | 600                                    | 1.0                                       | 40                                                     | 1.2                     | 1.0   | 10                                              | --                            | --                                                                 | DO-15/DO-41   |
| 2CZ82            | A | 25                                     | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | B | 30                                     | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | C | 100                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | D | 200                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | E | 300                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | F | 400                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | G | 500                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | H | 600                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | J | 700                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | K | 800                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | L | 900                                    | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
|                  | M | 1000                                   | 0.1                                       | 10                                                     | 1.0                     | 0.1   | 5                                               | --                            | --                                                                 | DO-41         |
| (2CZ83)          |   |                                        | (0.3)                                     | (20)                                                   | (1.0)                   | (0.3) | (5)                                             | --                            | --                                                                 | DO-41         |
| (2CZ84)          |   |                                        | (0.5)                                     | (20)                                                   | (1.0)                   | (0.5) | (10)                                            | --                            | --                                                                 | DO-41         |
| (2CZ85)          |   |                                        | (1.0)                                     | (30)                                                   | (1.0)                   | (1.0) | (10)                                            | --                            | --                                                                 | DO-41         |