

| 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         |