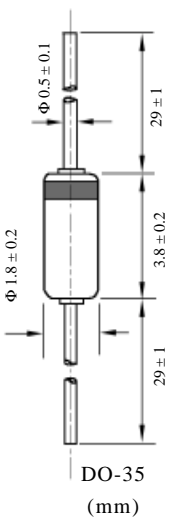


## 05W 05WS SERIES ZENER DIODES

### 05W 05WS 系列稳压二极管 05W 05WS SERIES ZENER DIODES

| 型号<br>TYPE   | 等级<br>Class | 电气特性 (Ta=25℃)<br>Electrical Characteristics |      |      |      |      |      | 外型尺寸<br>Package<br>Dimensions |     |                        |                                            |                                                                                                            |                                              |
|--------------|-------------|---------------------------------------------|------|------|------|------|------|-------------------------------|-----|------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------|
|              |             | V <sub>z</sub> (V)                          |      |      |      |      |      |                               |     | @ I <sub>z</sub><br>mA | I <sub>R</sub> @ V <sub>R</sub><br>(μA)(V) | R <sub>d</sub> @ I <sub>z</sub><br>(W)(mA)                                                                 | R <sub>z</sub> @ I <sub>z</sub><br>mV / °CmA |
|              |             | -1                                          |      | -2   |      | -3   |      |                               |     |                        |                                            |                                                                                                            |                                              |
| Min          | Max         | Min                                         | Max  | Min  | Max  |      |      |                               |     |                        |                                            |                                                                                                            |                                              |
| 05W1,05WS1   | C           | -                                           | -    | -    | -    | 1.5  | 1.7  | 25                            |     |                        |                                            |  <p>DO-35<br/>(mm)</p> |                                              |
| 05W2,05WS2   | A           | 1.6                                         | 1.8  | 1.7  | 1.9  | 1.8  | 2.0  | 25                            | 0.5 | 100                    | -1.5                                       |                                                                                                            |                                              |
|              | B           | 1.9                                         | 2.1  | 2.0  | 2.2  | 2.1  | 2.3  | 2                             |     |                        |                                            |                                                                                                            |                                              |
|              | C           | 2.2                                         | 2.4  | 2.3  | 2.5  | 2.4  | 2.6  | 1                             |     |                        |                                            |                                                                                                            |                                              |
| 05W3,05WS3   | A           | 2.5                                         | 2.7  | 2.6  | 2.8  | 2.7  | 2.9  | 1                             | 100 | 5                      | -2.0                                       |                                                                                                            |                                              |
|              | B           | 2.8                                         | 3.0  | 2.9  | 3.1  | 3.0  | 3.2  | 1                             |     |                        |                                            |                                                                                                            |                                              |
|              | C           | 3.1                                         | 3.3  | 3.2  | 3.4  | 3.3  | 3.5  | 1                             |     |                        |                                            |                                                                                                            |                                              |
| 05W4,05WS4   | A           | 3.4                                         | 3.6  | 3.5  | 3.7  | 3.6  | 3.8  | 5                             | 1.0 | 5                      | 0.4                                        |                                                                                                            |                                              |
|              | B           | 3.7                                         | 3.9  | 3.8  | 4.0  | 3.9  | 4.1  |                               |     |                        |                                            |                                                                                                            | 5                                            |
|              | C           | 4.0                                         | 4.2  | 4.1  | 4.3  | 4.2  | 4.4  |                               |     |                        |                                            |                                                                                                            | 5                                            |
| 05W5,05WS5   | A           | 4.3                                         | 4.5  | 4.4  | 4.6  | 4.5  | 4.7  | 5                             | 1.5 | 5                      | 5.0                                        |                                                                                                            |                                              |
|              | B           | 4.6                                         | 4.8  | 4.7  | 4.9  | 4.8  | 5.0  |                               |     |                        |                                            |                                                                                                            | 5                                            |
|              | C           | 4.9                                         | 5.1  | 5.0  | 5.2  | 5.1  | 5.3  |                               |     |                        |                                            | 5                                                                                                          |                                              |
| 05W6,05WS6   | A           | 5.2                                         | 5.5  | 5.3  | 5.6  | 5.4  | 5.7  | 1                             | 2.0 | 35                     | 3.0                                        |                                                                                                            |                                              |
|              | B           | 5.5                                         | 5.8  | 5.6  | 5.9  | 5.7  | 6.0  |                               |     |                        |                                            | 1                                                                                                          |                                              |
|              | C           | 5.8                                         | 6.1  | 6.0  | 6.3  | 6.1  | 6.4  |                               |     |                        |                                            | 1                                                                                                          |                                              |
| 05W7,05WS7   | A           | 6.3                                         | 6.6  | 6.4  | 6.7  | 6.6  | 6.9  | 1                             | 3.5 | 15                     | 5.0                                        |                                                                                                            |                                              |
|              | B           | 6.7                                         | 7.0  | 6.9  | 7.2  | 7.0  | 7.3  |                               |     |                        |                                            | 1                                                                                                          |                                              |
|              | C           | 7.2                                         | 7.6  | 7.3  | 7.7  | 7.5  | 7.9  |                               |     |                        |                                            | 1                                                                                                          |                                              |
| 05W9,05WS9   | A           | 7.7                                         | 8.1  | 7.9  | 8.3  | 8.1  | 8.5  | 1                             | 5.0 | 20                     | 5.0                                        |                                                                                                            |                                              |
|              | B           | 8.3                                         | 8.7  | 8.5  | 8.9  | 8.7  | 9.1  |                               |     |                        |                                            | 1                                                                                                          |                                              |
|              | C           | 8.9                                         | 9.3  | 9.1  | 9.5  | 9.3  | 9.7  |                               |     |                        |                                            | 1                                                                                                          |                                              |
| 05W11,05WS11 | A           | 9.5                                         | 9.9  | 9.7  | 10.1 | 9.9  | 10.3 | 1                             | 7.5 | 25                     | 7.5                                        |                                                                                                            |                                              |
|              | B           | 10.2                                        | 10.6 | 10.4 | 10.8 | 10.7 | 11.1 |                               |     |                        |                                            | 1                                                                                                          |                                              |
|              | C           | 10.9                                        | 11.3 | 11.1 | 11.6 | 11.4 | 11.9 |                               |     |                        |                                            | 1                                                                                                          |                                              |
| 05W12,05WS12 | A           | 11.6                                        | 12.1 | 11.9 | 12.4 | 12.2 | 12.7 | 1                             | 9.5 | 35                     | 8.2                                        |                                                                                                            |                                              |
|              | B           | 12.4                                        | 12.9 | 12.6 | 13.1 | 12.9 | 13.4 |                               |     |                        |                                            | 1                                                                                                          |                                              |
|              | C           | 13.2                                        | 13.7 | 13.5 | 14.0 | 13.8 | 14.3 |                               |     |                        |                                            | 1                                                                                                          |                                              |

备注: 05W 系列为 500mW, DO-35 封装; 05WS 系列为 400mW, DO-34 封装。

NOTE: 05W series is for 500mW, DO-35 package; 05WS series is for 400mW, DO-34 package.

