

## • Switching Diodes

| Type No. | $V_R$ (V) | $I_O$ (mA) |
|----------|-----------|------------|
| 1S953    | 30        | 100        |
| 1S954    | 50        | 200        |
| 1S955    | 75        | 200        |
| 1S953    | 30        | 100        |
| 1S954    | 50        | 100        |
| 1S955    | 75        | 100        |

## • Twin Diodes

| Type No. | $V_R$ (V) | $I_F$ (mA) | Common         |
|----------|-----------|------------|----------------|
| 1S2835   | 30        | 150 (100)  | Anode Common   |
| 1S2836   | 50        | 150 (100)  |                |
| 1S2837   | 30        | 150 (100)  | Cathode Common |
| 1S2838   | 50        | 150 (100)  |                |

## • Zener Diodes (Mini-Mold Type)

| Type No. | $V_Z$ |      | Remarks   | Package        |
|----------|-------|------|-----------|----------------|
|          | MIN   | MAX  |           |                |
| RD2.4M   | 2.28  | 2.6  | P = 200mW | Mini-Mold Type |
| RD2.7M   | 2.5   | 2.9  |           |                |
| RD3.0M   | 2.8   | 3.2  |           |                |
| RD3.3M   | 3.1   | 3.5  |           |                |
| RD3.6M   | 3.4   | 3.8  |           |                |
| RD3.9M   | 3.7   | 4.1  |           |                |
| RD4.3M   | 4.0   | 4.5  |           |                |
| RD4.7M   | 4.4   | 4.9  |           |                |
| RD5.1M   | 4.8   | 5.4  |           |                |
| RD5.6M   | 5.3   | 6.0  |           |                |
| RD6.2M   | 5.8   | 6.6  |           |                |
| RD6.8M   | 6.4   | 7.2  |           |                |
| RD7.5M   | 7.0   | 7.9  |           |                |
| RD8.2M   | 7.7   | 8.7  |           |                |
| RD9.1M   | 8.5   | 9.6  |           |                |
| RD10M    | 9.4   | 10.6 |           |                |
| RD11M    | 10.4  | 11.6 |           |                |
| RD12M    | 11.4  | 12.6 |           |                |
| RD13M    | 12.4  | 14.1 |           |                |
| RD15M    | 13.8  | 15.6 |           |                |
| RD16M    | 15.3  | 17.1 |           |                |
| RD18M    | 16.8  | 19.1 |           |                |
| RD20M    | 18.8  | 21.2 |           |                |
| RD22M    | 20.8  | 23.3 |           |                |
| RD24M    | 22.8  | 25.6 |           |                |

### Packages:

|                       |           |
|-----------------------|-----------|
| RD4.7J through RD24J  | DO-35     |
| RD2.0E through RD120E | DO-35     |
| RD2.0F through RD82F  | DO-41     |
| RD2.4M through RD24M  | Mini-Mold |

### Applications:

Constant voltage, Constant current, Waveform clipper, Surge absorber, etc.

## • Zener Diodes (DHD Construction Planar Type)

| Type     |          |        | V <sub>Z</sub> (V)<br>General spec B |      | Remarks                                                                                                                                                                             |
|----------|----------|--------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P = 0.4W | P = 0.5W | P = 1W | MIN                                  | MAX  |                                                                                                                                                                                     |
|          | RD2.0E   | RD2.0F | 1.88                                 | 2.12 | DHD Construction<br>Planar Type<br>V <sub>Z</sub> : E24 Standard<br>Applied<br>RD4.7J ~ RD39J<br>tested with<br>pulse (40ms)<br>RD2.0E ~ RD39E,<br>RD2.0F ~ RD39F<br>tested with DC |
|          | RD2.2E   | RD2.2F | 2.08                                 | 2.33 |                                                                                                                                                                                     |
|          | RD2.4E   | RD2.4F | 2.28                                 | 2.56 |                                                                                                                                                                                     |
|          | RD2.7E   | RD2.7F | 2.5                                  | 2.9  |                                                                                                                                                                                     |
|          | RD3.0E   | RD3.0F | 2.8                                  | 3.2  |                                                                                                                                                                                     |
|          | RD3.3E   | RD3.3F | 3.1                                  | 3.5  |                                                                                                                                                                                     |
|          | RD3.6E   | RD3.6F | 3.4                                  | 3.8  |                                                                                                                                                                                     |
|          | RD3.9E   | RD3.9F | 3.7                                  | 4.1  |                                                                                                                                                                                     |
|          | RD4.3E   | RD4.3F | 4.0                                  | 4.5  |                                                                                                                                                                                     |
| RD4.7J   | RD4.7E   | RD4.7F | 4.4                                  | 4.9  |                                                                                                                                                                                     |
| RD5.1J   | RD5.1E   | RD5.1F | 4.8                                  | 5.4  |                                                                                                                                                                                     |
| RD5.6J   | RD5.6E   | RD5.6F | 5.3                                  | 6.0  |                                                                                                                                                                                     |
| RD6.2J   | RD6.2E   | RD6.2F | 5.8                                  | 6.6  |                                                                                                                                                                                     |
| RD6.8J   | RD6.8E   | RD6.8F | 6.4                                  | 7.2  |                                                                                                                                                                                     |
| RD7.5J   | RD7.5E   | RD7.5F | 7.0                                  | 7.9  |                                                                                                                                                                                     |
| RD8.2J   | RD8.2E   | RD8.2F | 7.7                                  | 8.7  |                                                                                                                                                                                     |
| RD9.1J   | RD9.1E   | RD9.1F | 8.5                                  | 9.6  |                                                                                                                                                                                     |
| RD10J    | RD10E    | RD10F  | 9.4                                  | 10.6 |                                                                                                                                                                                     |
| RD11J    | RD11E    | RD11F  | 10.4                                 | 11.6 |                                                                                                                                                                                     |
| RD12J    | RD12E    | RD12F  | 11.4                                 | 12.6 |                                                                                                                                                                                     |
| RD13J    | RD13E    | RD13F  | 12.4                                 | 14.1 |                                                                                                                                                                                     |
| RD15J    | RD15E    | RD15F  | 13.8                                 | 15.6 |                                                                                                                                                                                     |
| RD16J    | RD16E    | RD16F  | 15.3                                 | 17.1 |                                                                                                                                                                                     |
| RD18J    | RD18E    | RD18F  | 16.8                                 | 19.1 |                                                                                                                                                                                     |
| RD20J    | RD20E    | RD20F  | 18.8                                 | 21.2 |                                                                                                                                                                                     |
| RD22J    | RD22E    | RD22F  | 20.8                                 | 23.3 |                                                                                                                                                                                     |
| RD24J    | RD24E    | RD24F  | 22.8                                 | 25.6 |                                                                                                                                                                                     |
| RD27J    | RD27E    | RD27F  | 25.1                                 | 28.6 |                                                                                                                                                                                     |
| RD30J    | RD30E    | RD30F  | 28.0                                 | 32.0 |                                                                                                                                                                                     |
| RD33J    | RD33E    | RD33F  | 31.0                                 | 35.0 |                                                                                                                                                                                     |
| RD36J    | RD36E    | RD36F  | 34.0                                 | 38.0 |                                                                                                                                                                                     |
| RD39J    | RD39E    | RD39F  | 37.0                                 | 41.0 |                                                                                                                                                                                     |
|          | RD43E    | RD43F  | 40                                   | 45   |                                                                                                                                                                                     |
|          | RD47E    | RD47F  | 44                                   | 49   |                                                                                                                                                                                     |
|          | RD51E    | RD51F  | 48                                   | 54   |                                                                                                                                                                                     |
|          | RD56E    | RD56F  | 53                                   | 60   |                                                                                                                                                                                     |
|          | RD62E    | RD62F  | 58                                   | 66   |                                                                                                                                                                                     |
|          | RD68E    | RD68F  | 64                                   | 72   |                                                                                                                                                                                     |
|          | RD75E    | RD75F  | 70                                   | 79   |                                                                                                                                                                                     |
|          | RD82E    | RD82F  | 77                                   | 87   |                                                                                                                                                                                     |
|          | RD91E    |        | 85                                   | 96   |                                                                                                                                                                                     |
|          | RD100E   |        | 94                                   | 106  |                                                                                                                                                                                     |
|          | RD110E   |        | 104                                  | 116  |                                                                                                                                                                                     |
|          | RD120E   |        | 114                                  | 126  |                                                                                                                                                                                     |

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