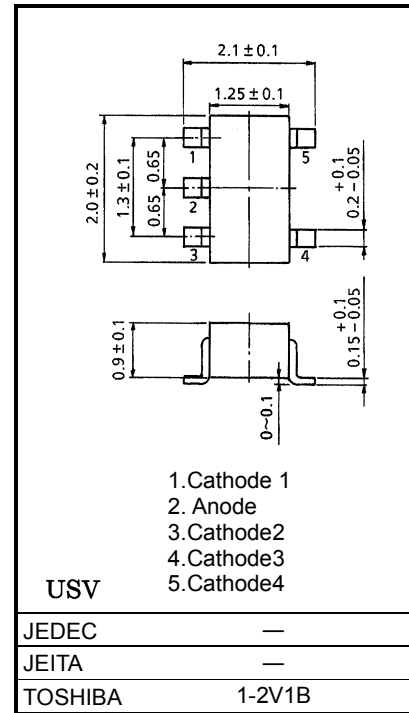


DF5A3.6FU

Diodes for Protecting against ESD

- The mounting of four devices on an ultra-compact package allows the number of parts and the mounting cost to be reduced.
- The zener voltage corresponds to the E24 Series.

Unit: mm



Maximum Ratings (Ta = 25°C)

| Characteristic | Symbol | Rating | Unit |
|---------------------------|------------------|---------|------|
| Power dissipation | P | 200 | mW |
| Junction temperature | T _j | 125 | °C |
| Storage temperature range | T _{stg} | -55~125 | °C |

Electrical Characteristics (Ta = 25°C)

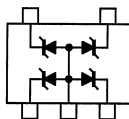
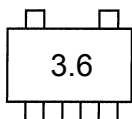
| Characteristic | Symbol | Test Condition | Min | Typ. | Max | Unit |
|--|----------------|---------------------------------|-----|------|-----|------|
| Zener voltage | V _Z | I _Z = 5 mA | 3.4 | 3.6 | 3.8 | V |
| Dynamic impedance | Z _Z | I _Z = 5 mA | — | — | 130 | Ω |
| Reverse current | I _R | V _R = 1 V | — | — | 10 | μA |
| Terminal capacitance (between Cathode and Anode) | C _T | V _R = 0 V, f = 1 MHz | — | 110 | — | pF |

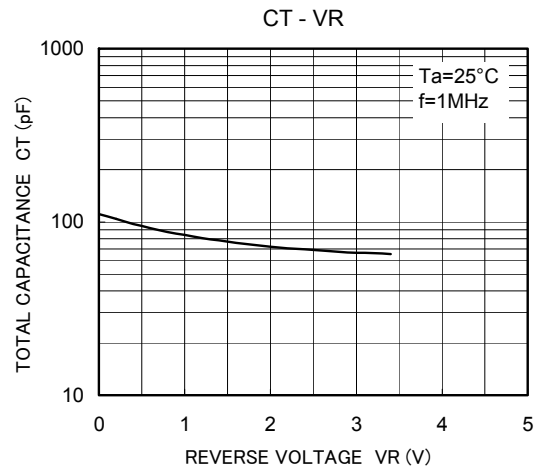
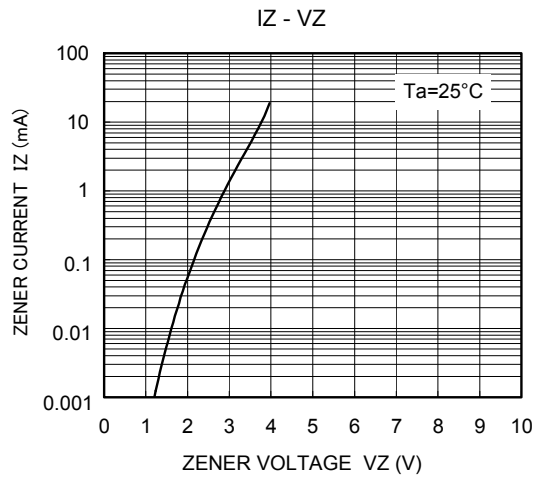
Guaranteed Level of ESD Immunity

| Test Condition | ESD Immunity Level |
|----------------------------------|--------------------|
| IEC61000-4-2 (Contact discharge) | ± 30 kV |

Criterion: No damage to device elements

Marking Equivalent Circuit (Top View)





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030619EAA

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