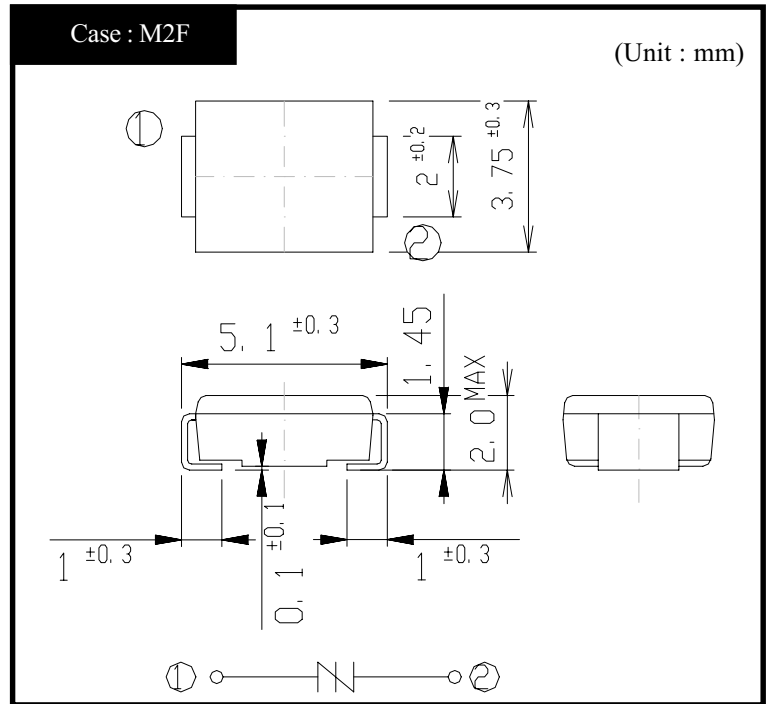


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OUTLINE DIMENSIONS



RATINGS

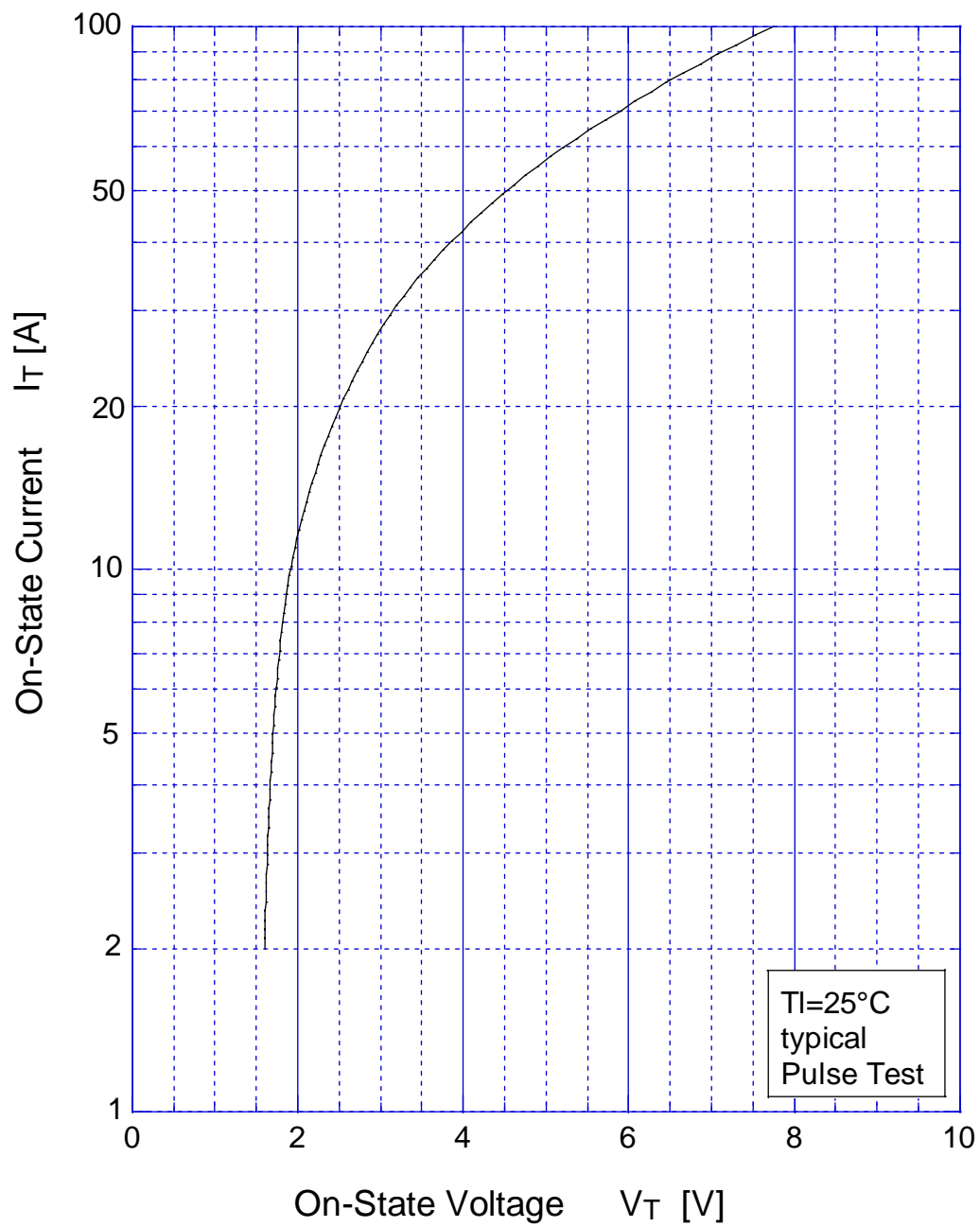
● Absolute Maximum Ratings (Unless otherwise specified, Tl=25°C)

| Item | Symbol | Conditions | Ratings | Unit |
|---------------------------|------------------|---|---------|------|
| Storage Temperature | T _{stg} | | -40~125 | °C |
| Junction Temperature | T _j | | 125 | °C |
| Maximum Off-State Voltage | V _{DRM} | | 275 | V |
| Surge On-State Current | I _{TSM} | Pulse-waveform 10/1000 μs, Non-repetitive | 100 | A |

● Electrical Characteristics (Unless otherwise specified, Tl=25°C)

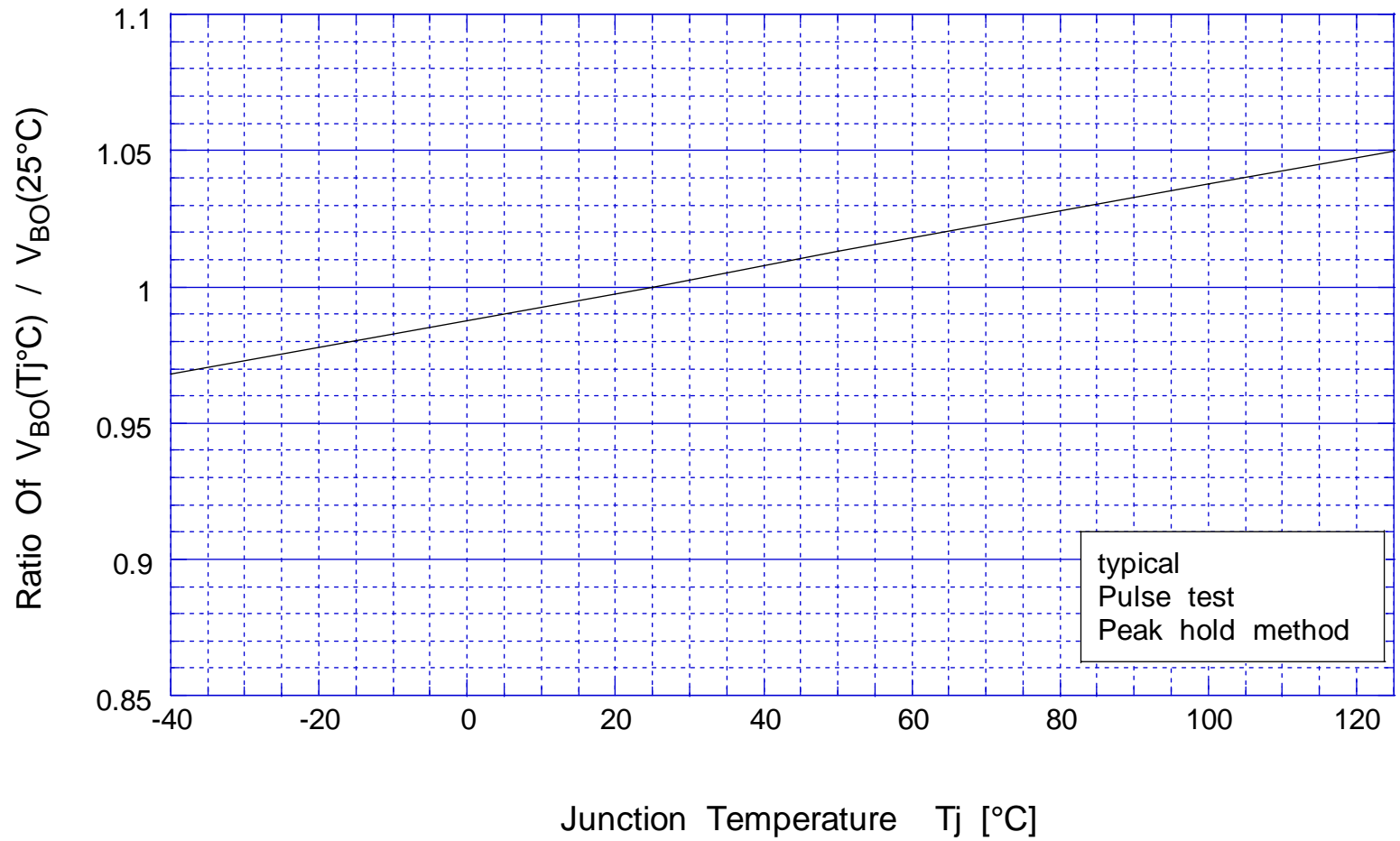
| Item | Symbol | Conditions | Ratings | Unit |
|-------------------|------------------|-----------------------------------|---------|------|
| Breakover Voltage | V _{BO} | dv/dt = 8V/ms (Peak hold) | Min 310 | V |
| Off-State Current | I _{DRM} | V _D = V _{DRM} | Max 5 | μA |
| Holding Current | I _H | Pulse measurement | Min 100 | mA |
| On-State Voltage | V _T | I _T = 2A | Max 3 | V |
| Capacitance | C _j | f = 1kHz, V _D = 50V | Max 90 | pF |
| Clamping Voltage | V _{CL} | dv/dt = 100V/μs | Max 450 | V |

KU10S35N On-State Voltage vs On-State Current

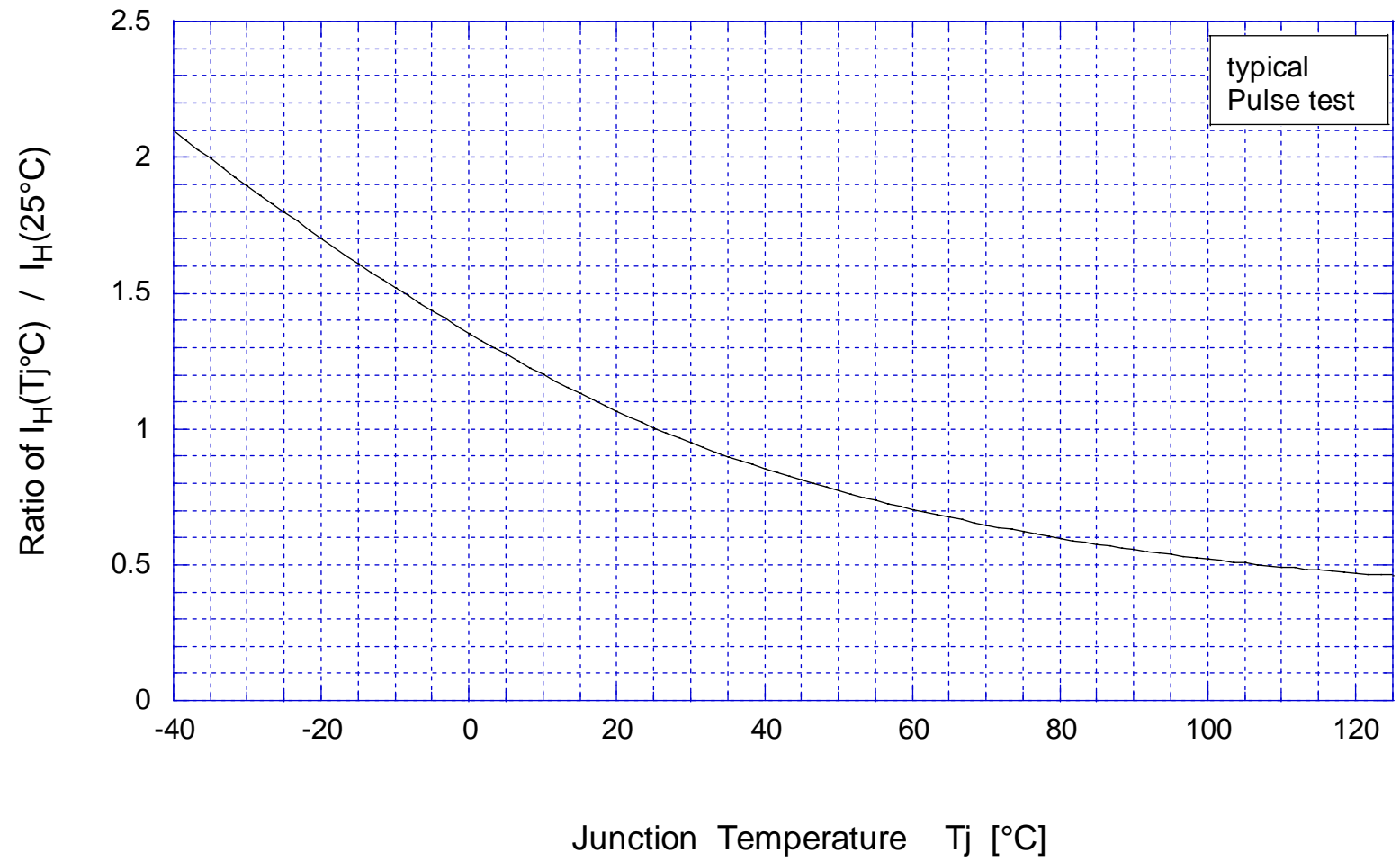


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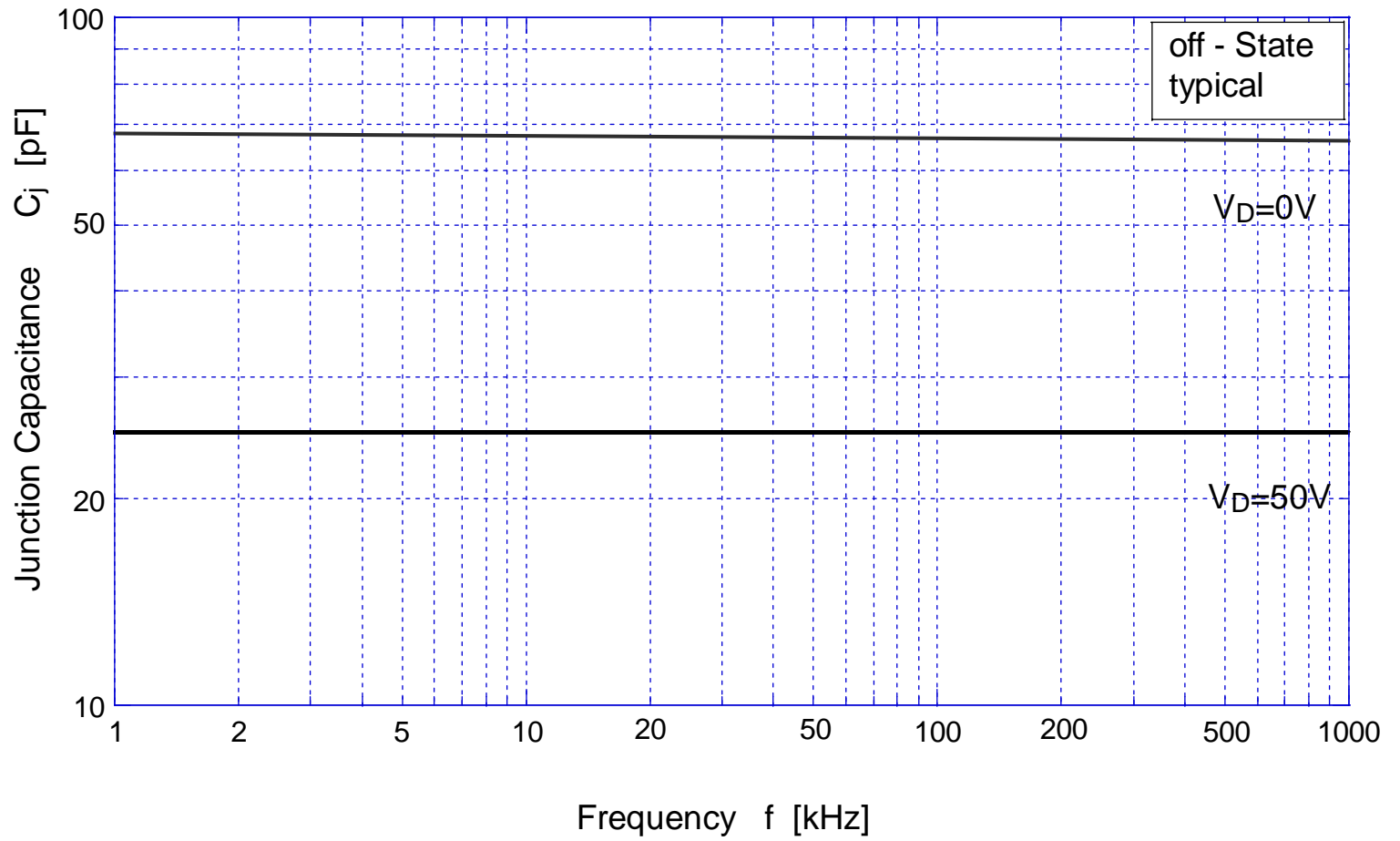
Break Over Voltage vs Junction Temperature



KU10S35N Holding Current vs Junction Temperature



KU10S35N Junction Capacitance



KU10S35N Junction Capacitance

