

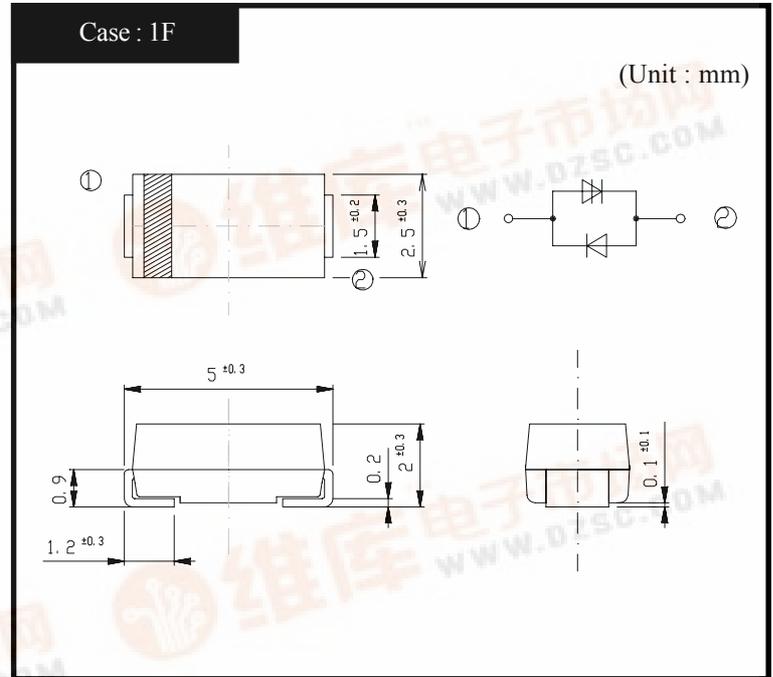
SHINDENGEN

Trankiller

SMD

ST04-16F1

OUTLINE DIMENSIONS



RATINGS

● Absolute Maximum Ratings

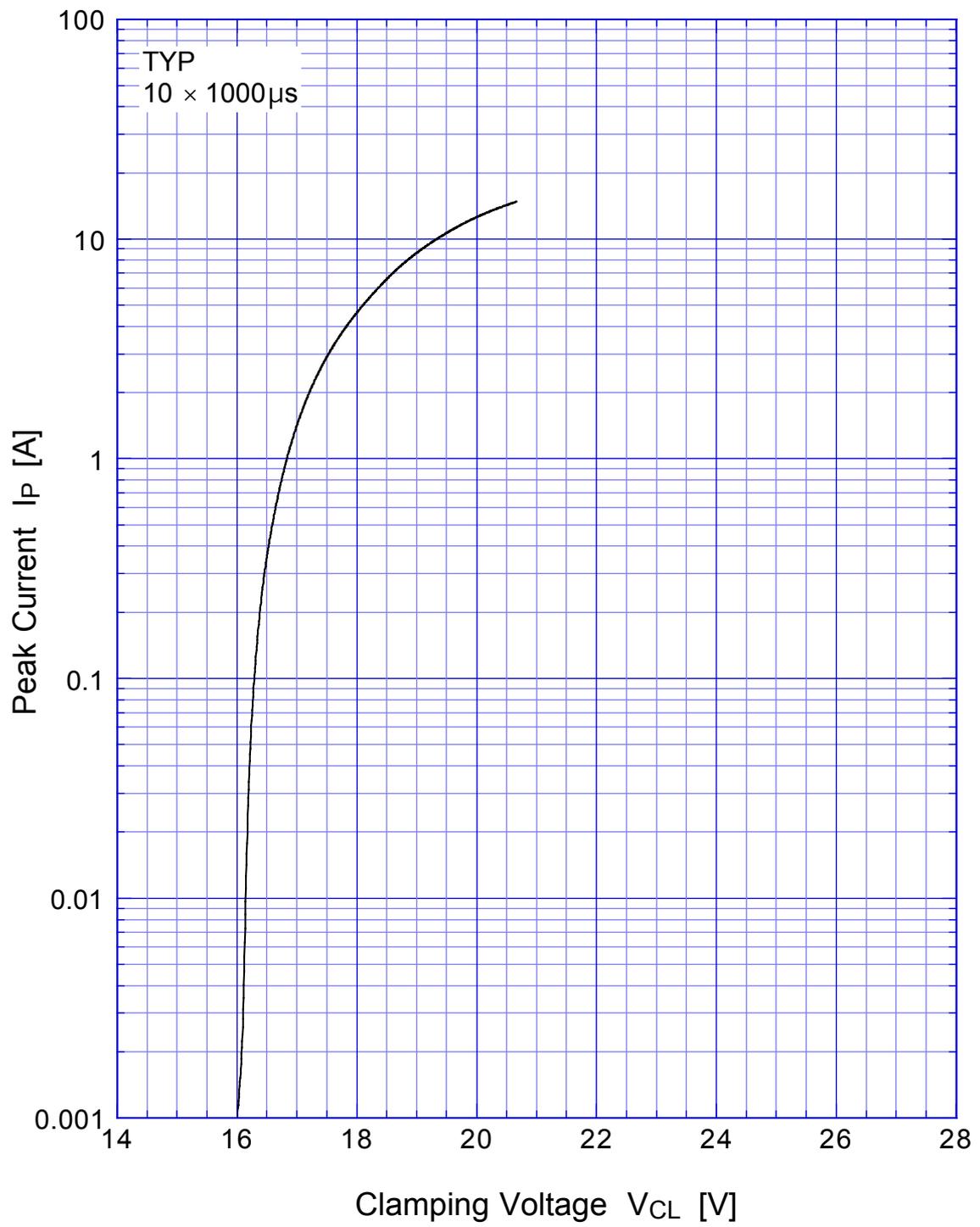
| Item | Symbol | Conditions | Ratings | Unit |
|----------------------------|------------------|-----------------------------|---------|------|
| Storage Temperature | T _{stg} | | -55~175 | °C |
| Junction Temperature | T _j | | 150 | °C |
| Peak Surge Reverse Current | I _{RSM} | 10/1000 μ s, Non-repetitive | 15 | A |
| | | 10/200 μ s, Non-repetitive | 28 | |
| Maximum Reverse Voltage | V _{RM} | | 13.6 | V |

● Electrical Characteristics (Tl=25°C)

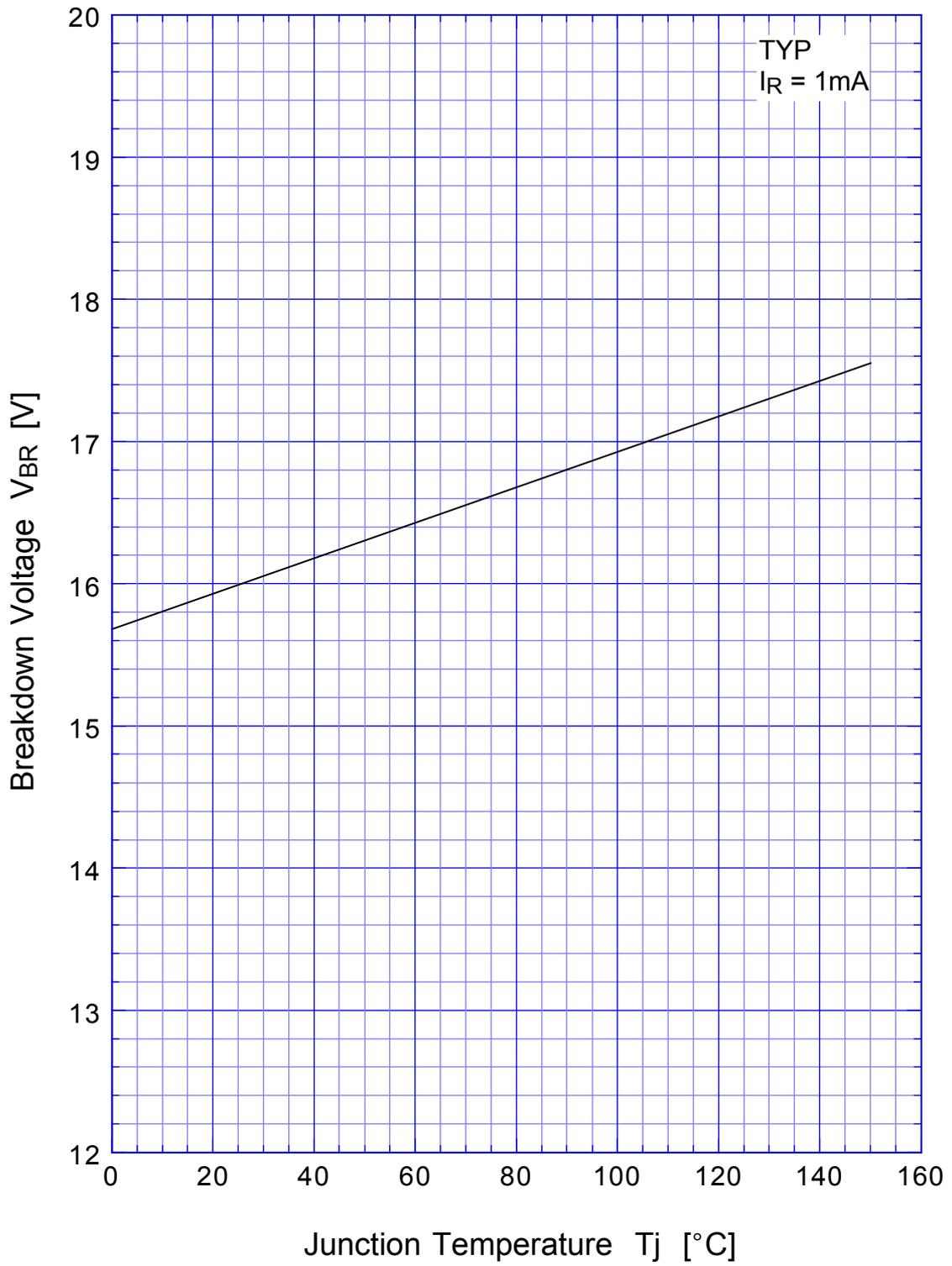
| Item | Symbol | Conditions | Ratings | Unit |
|-------------------|-----------------|------------------------|-----------|------|
| Breakdown Voltage | V _{BR} | I _R = 1mA | 14.4~17.6 | V |
| Clamping Voltage | V _{CL} | I _{pp} = 15A | MAX 23 | V |
| Reverse Current | I _R | V _R = 13.6V | MAX 5 | μ A |

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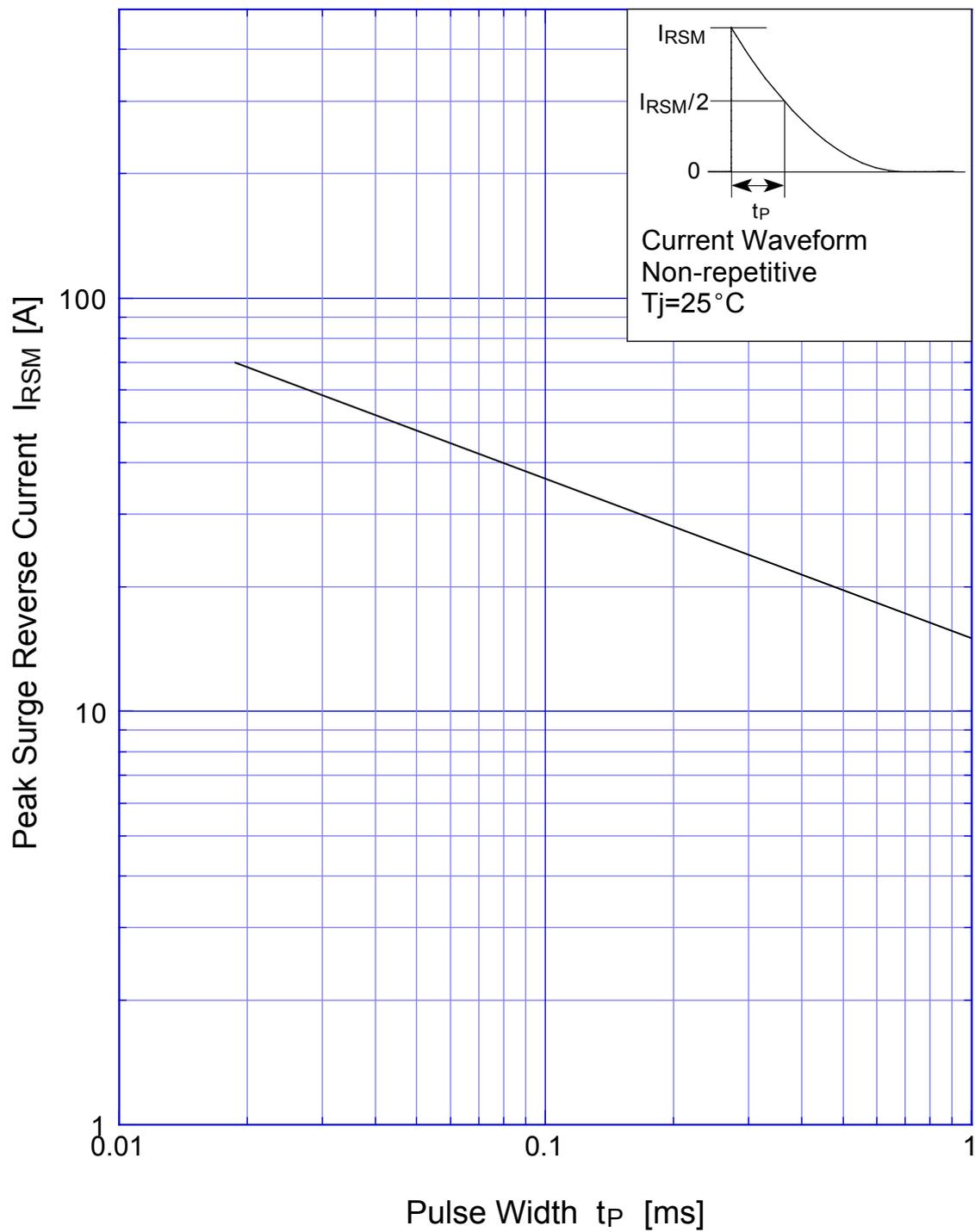
Clamping Voltage



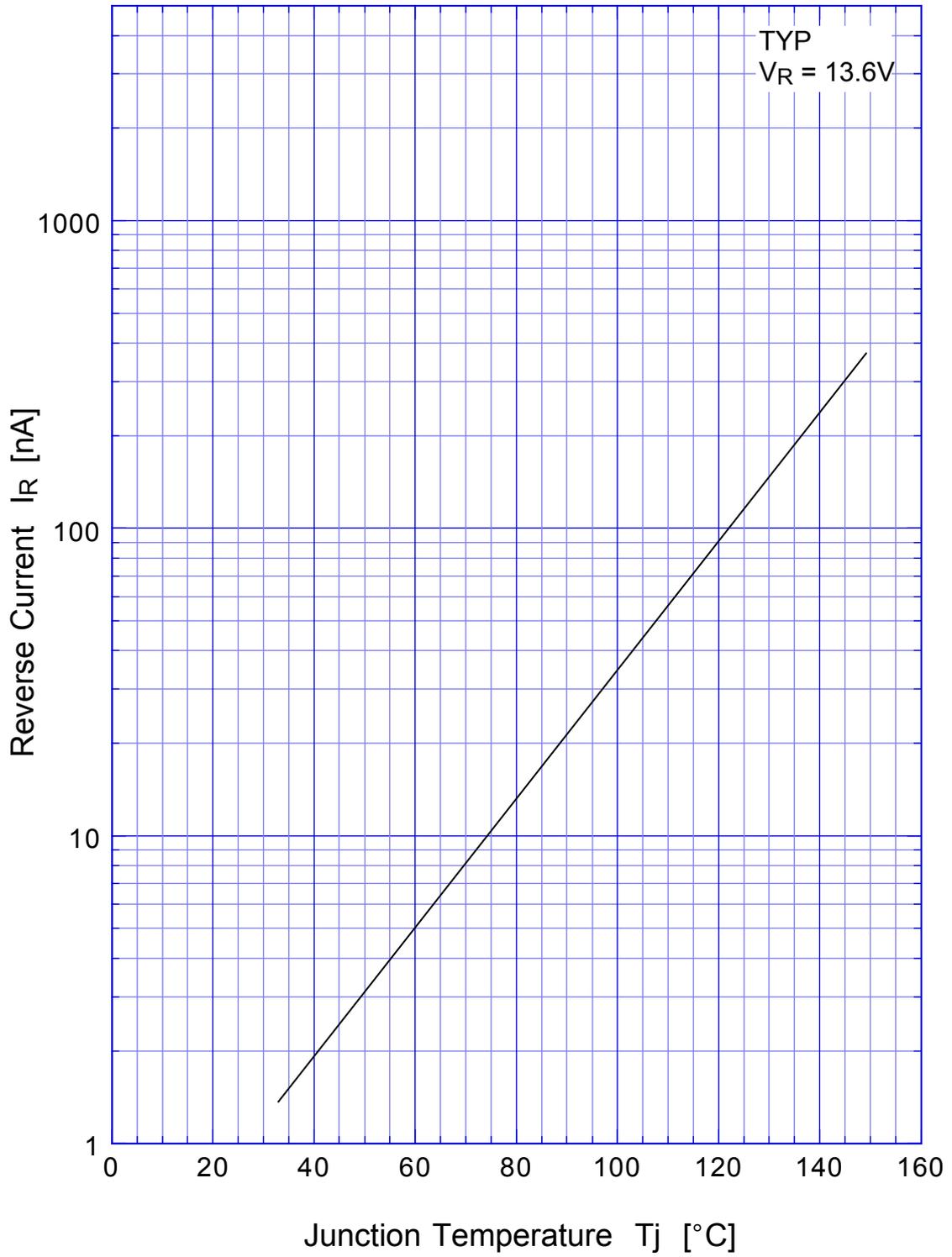
ST04-16F1 Breakdown Voltage



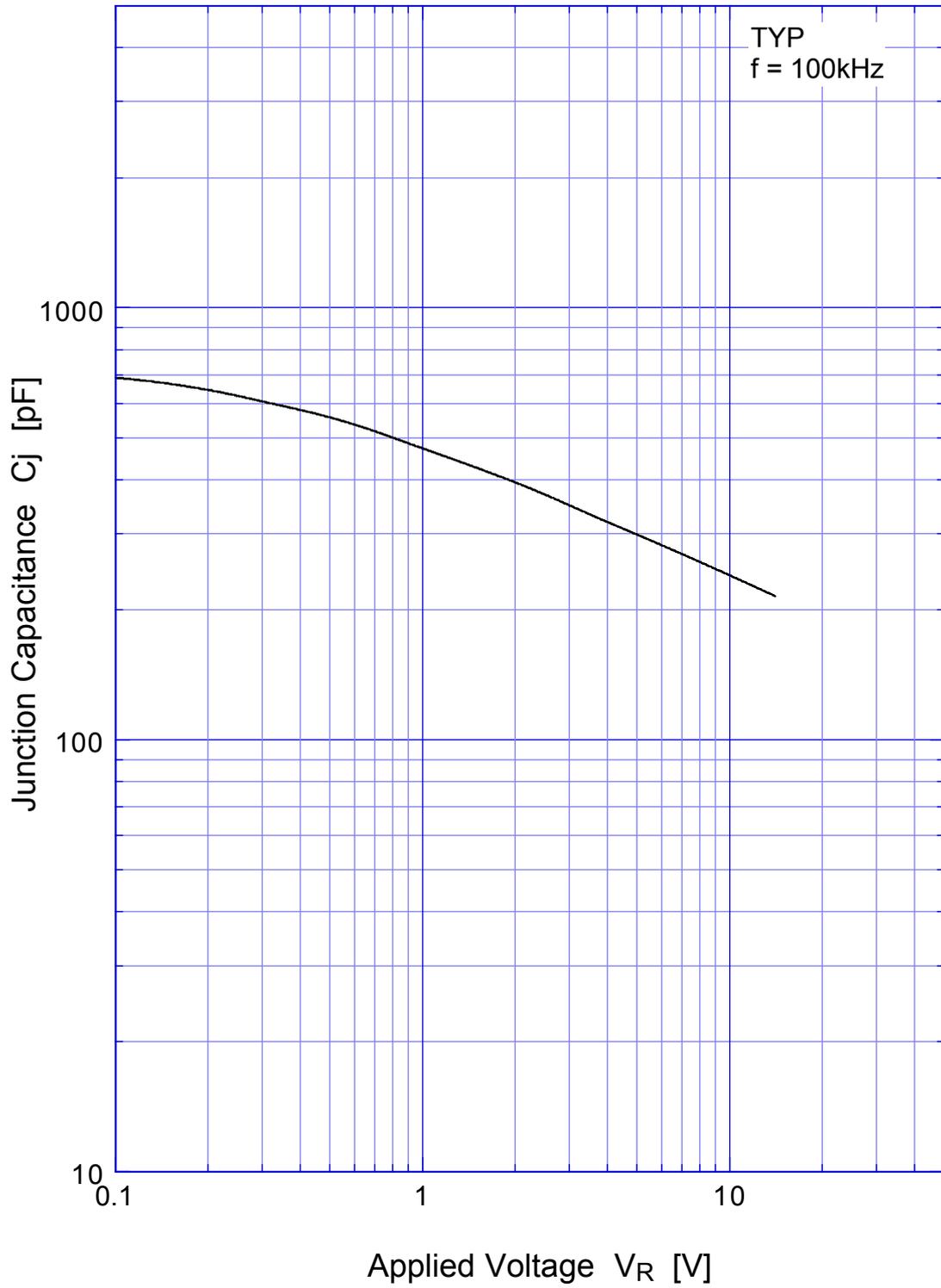
ST04-16F1 Peak Surge Reverse Current



ST04-16F1 Reverse Current



ST04-16F1 Junction Capacitance



ST04-16F1 Junction Capacitance

