

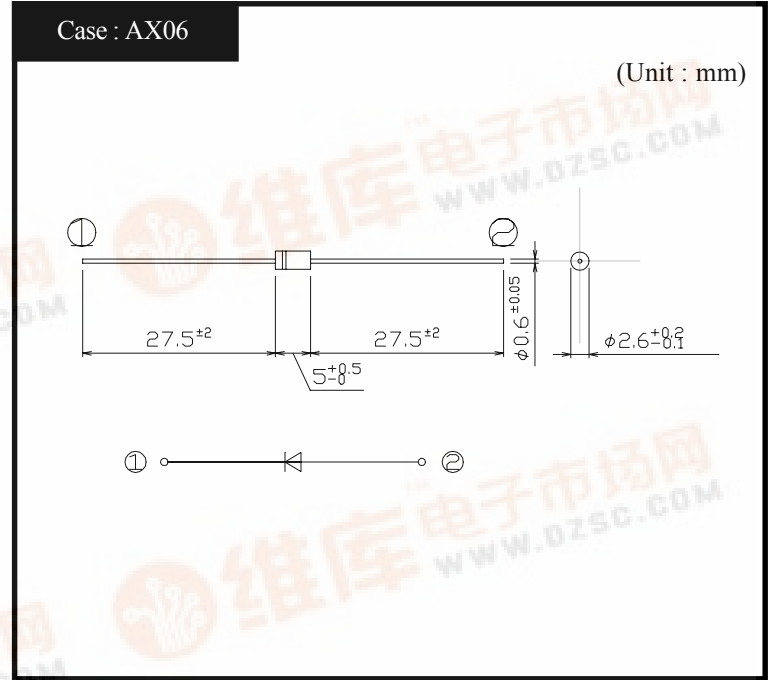
# SHINDENGEN

Trankiller

Axial Package

**ST04-27**

## OUTLINE DIMENSIONS



## RATINGS

### ● Absolute Maximum Ratings

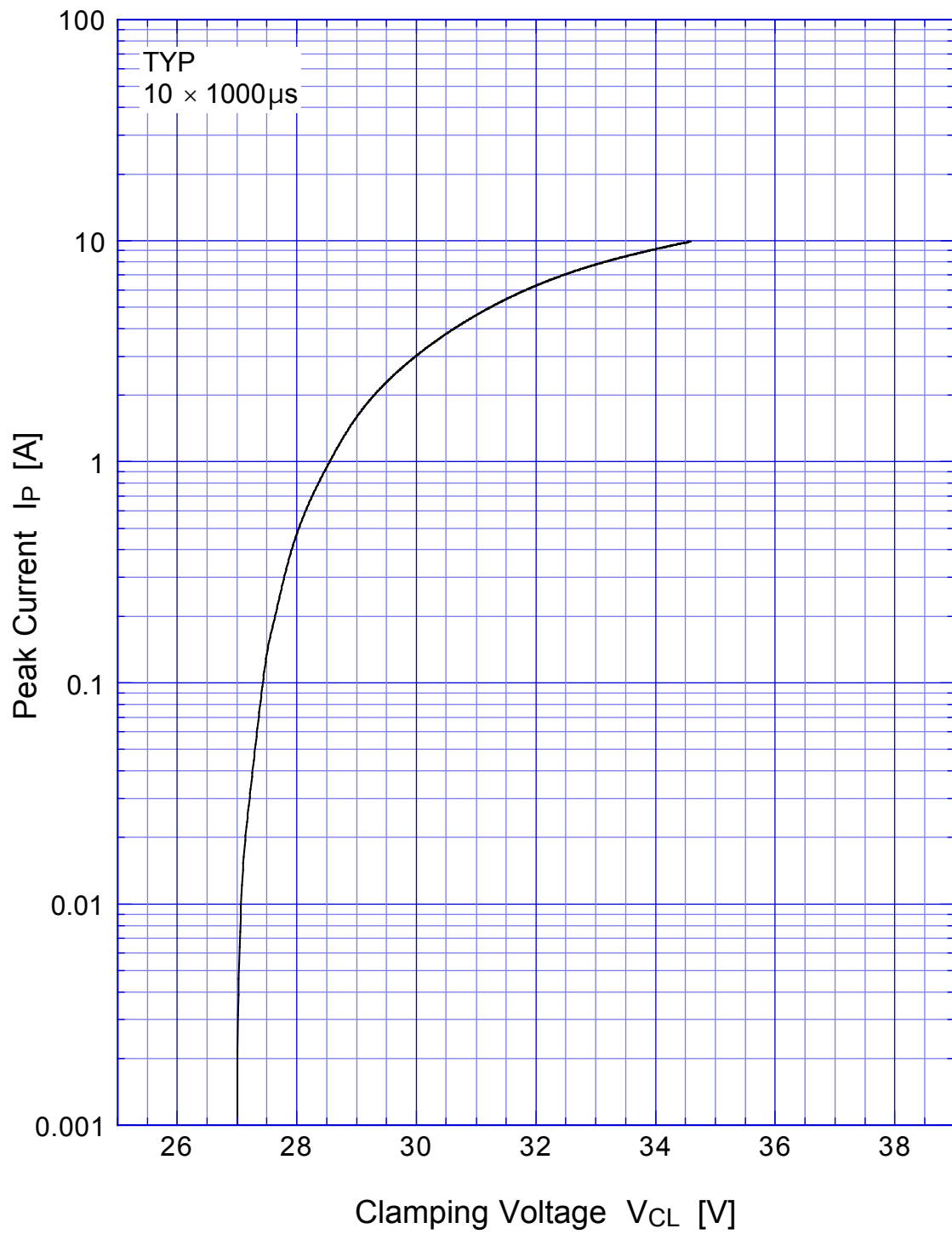
Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T <sub>stg</sub>		-40~150	°C
Junction Temperature	T <sub>j</sub>		150	°C
Peak Surge Reverse Current	I <sub>RSM</sub>	10/1000 μs, Non-repetitive	10	A
		10/200 μs, Non-repetitive	19	
Maximum Reverse Voltage	V <sub>RM</sub>		23	V

### ● Electrical Characteristics (Tl=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V <sub>BR</sub>	I <sub>R</sub> = 1mA	24.3~29.7	V
Clamping Voltage	V <sub>CL</sub>	I <sub>PP</sub> = 10A	MAX 37	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> = 23V	MAX 5	μA

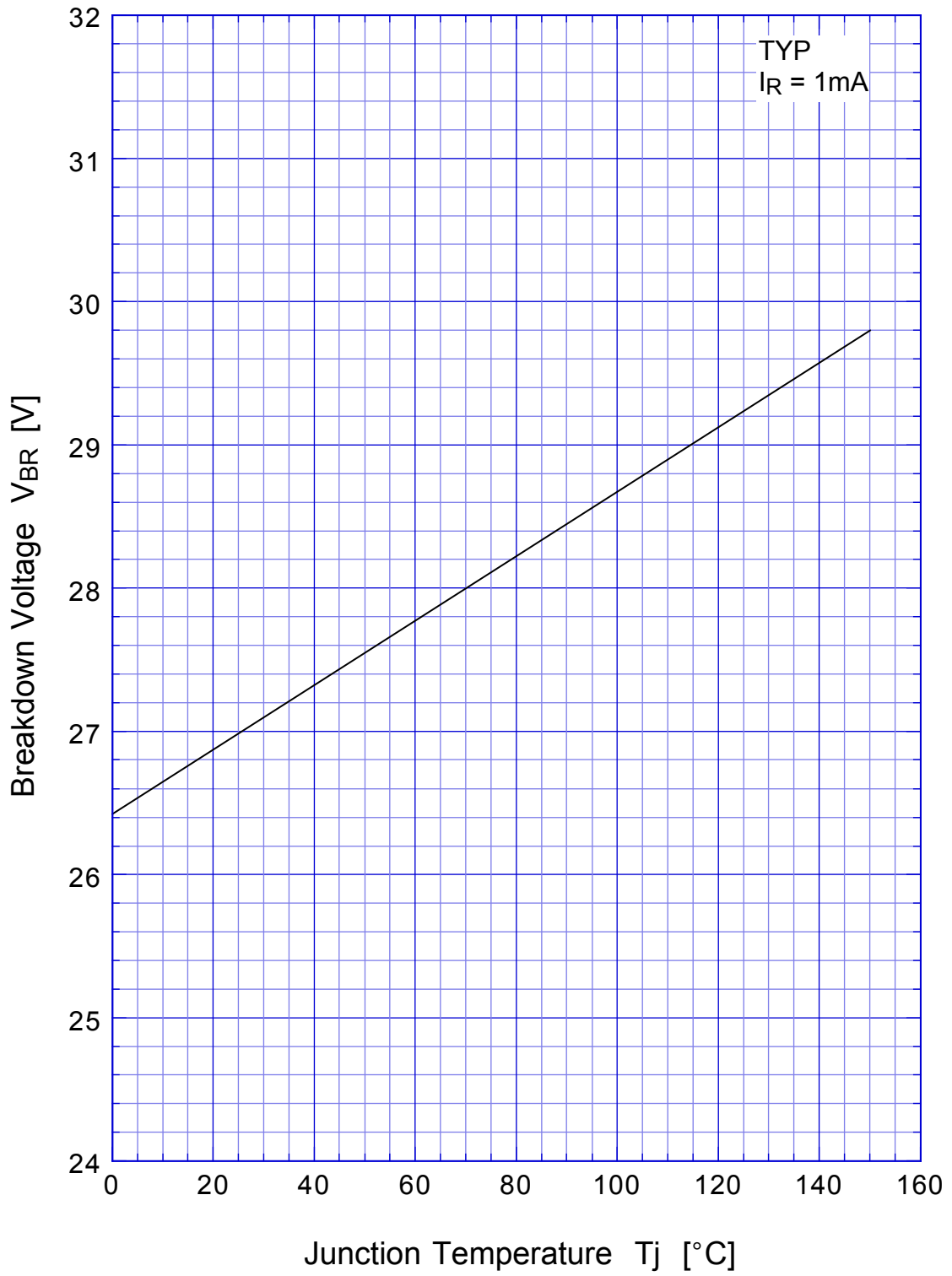
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Clamping Voltage



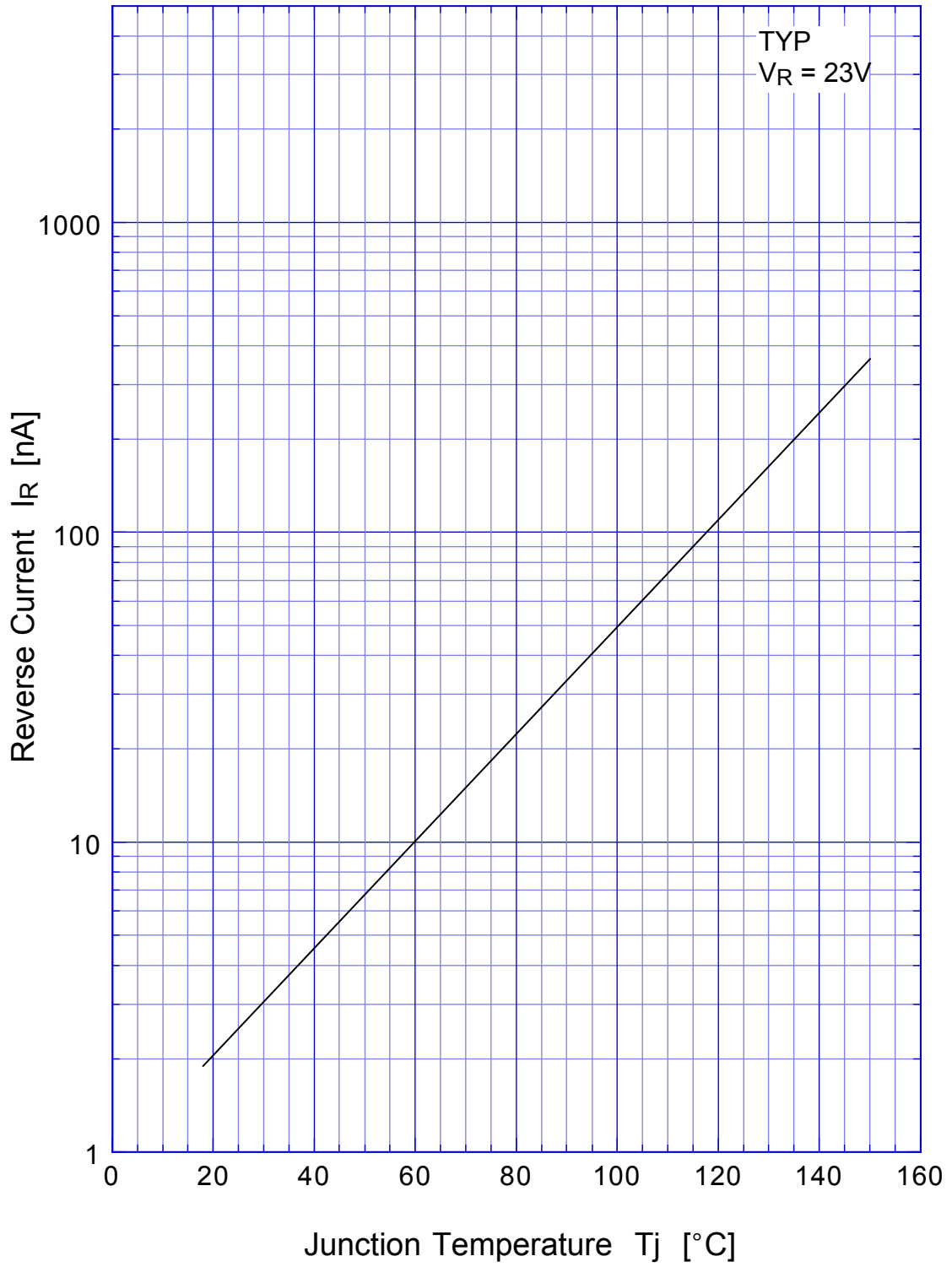
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Breakdown Voltage



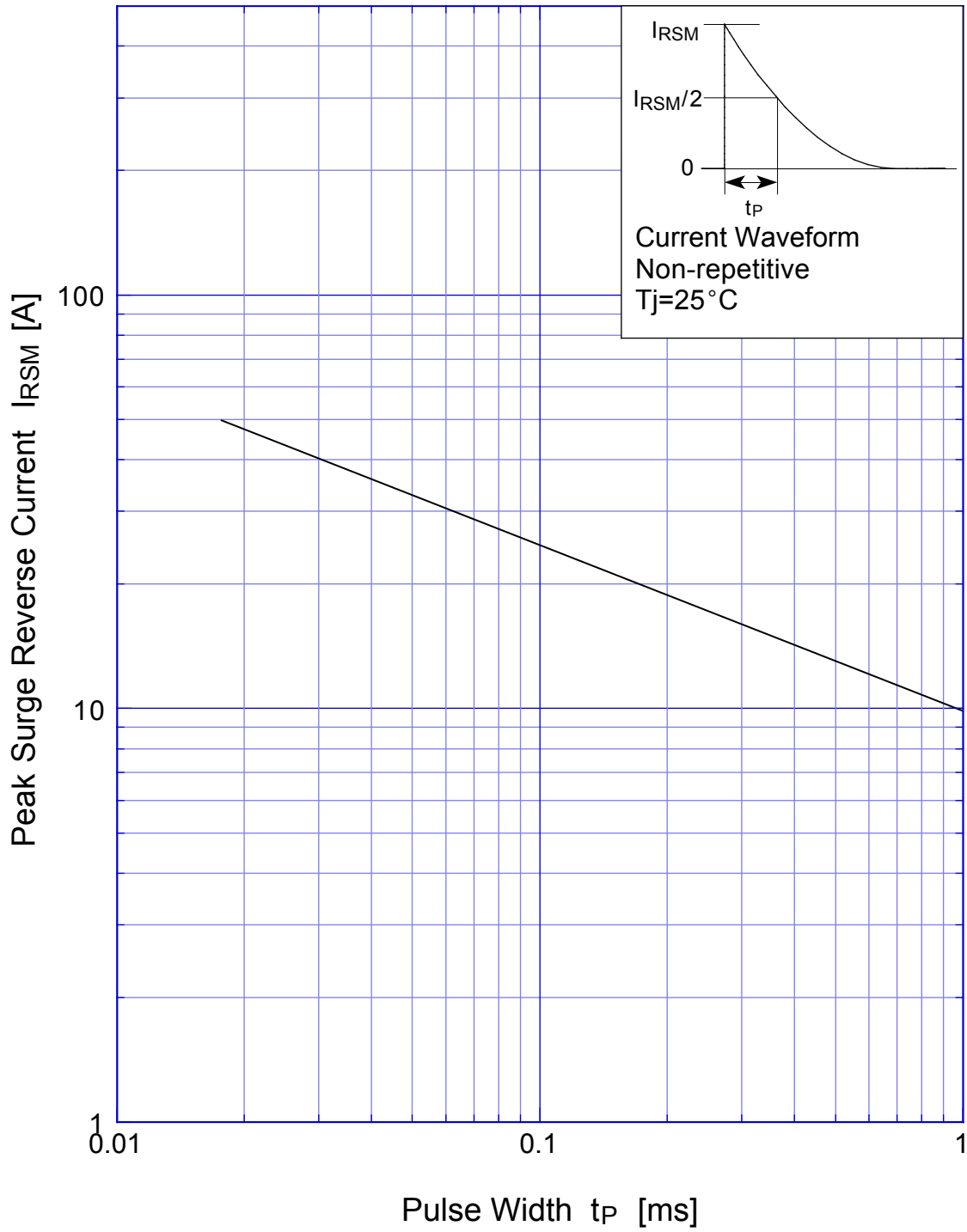
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Reverse Current



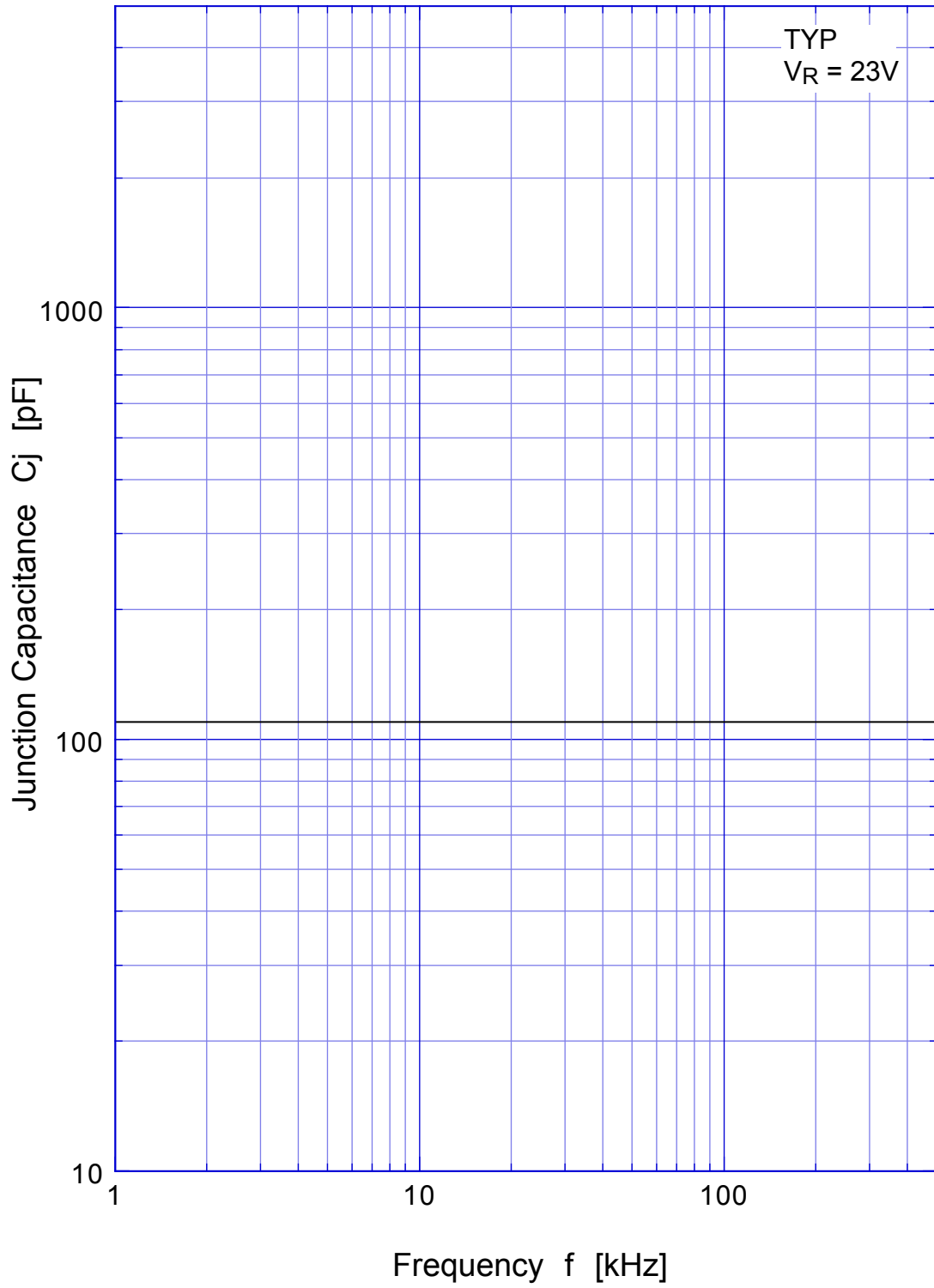
# ST04-27

# Peak Surge Reverse Current



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Junction Capacitance



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Junction Capacitance

