

# SHINDENGEN

Trankiller

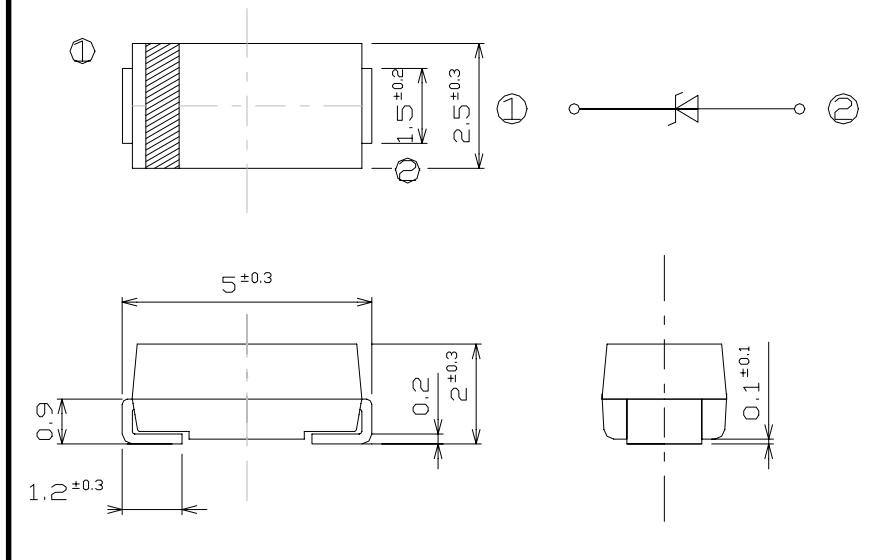
SMT

**ST04-16F1**

## OUTLINE DIMENSIONS

Case : 1F

(Unit : mm)



## RATINGS

### ● Absolute Maximum Ratings

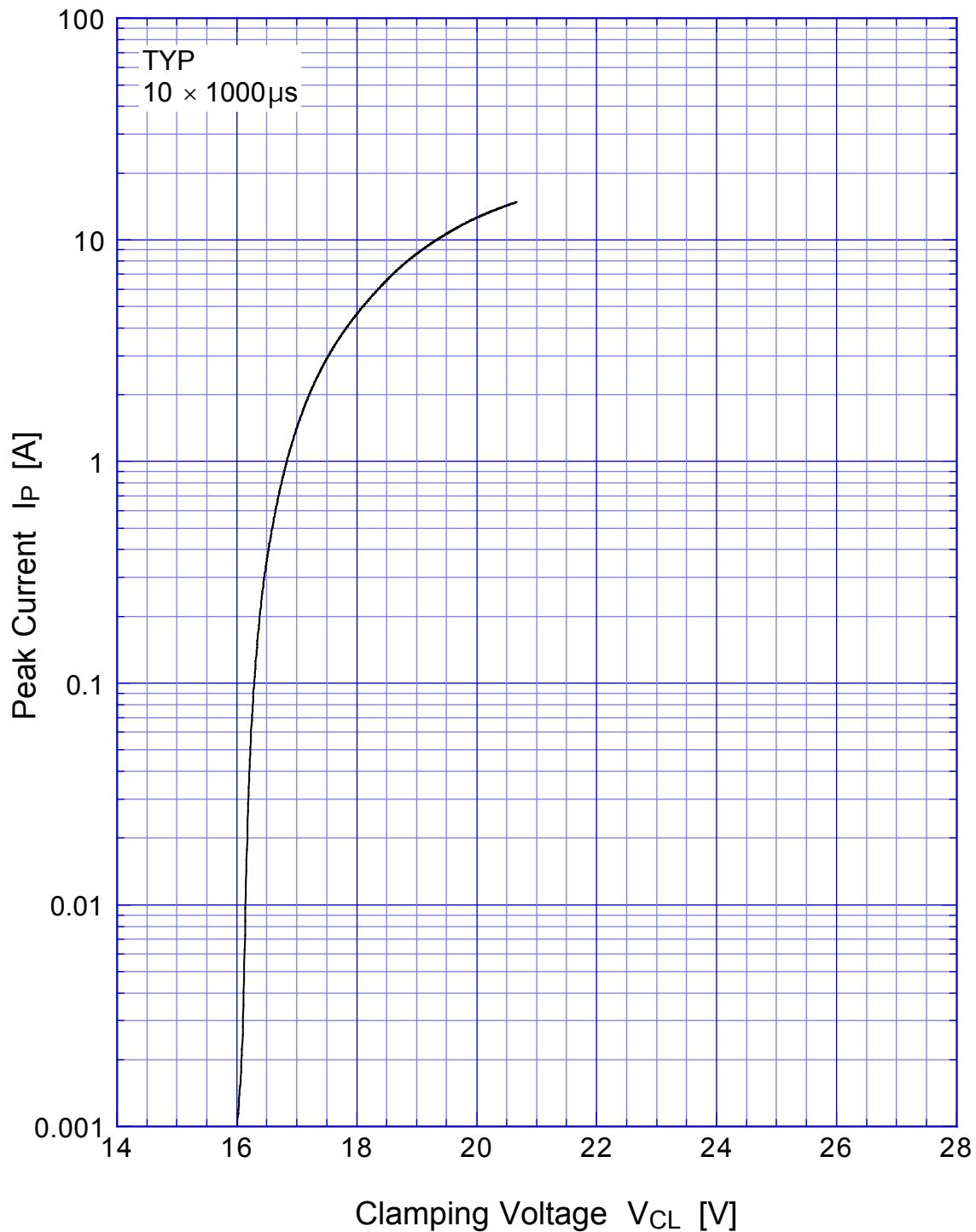
Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T <sub>stg</sub>		-55~175	°C
Junction Temperature	T <sub>j</sub>		150	°C
Peak Surge Reverse Current	I <sub>RSM</sub>	10/1000 μ s, Non-repetitive	15	A
		10/200 μ s, Non-repetitive	28	
Maximum Reverse Voltage	V <sub>RM</sub>		13.6	V

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

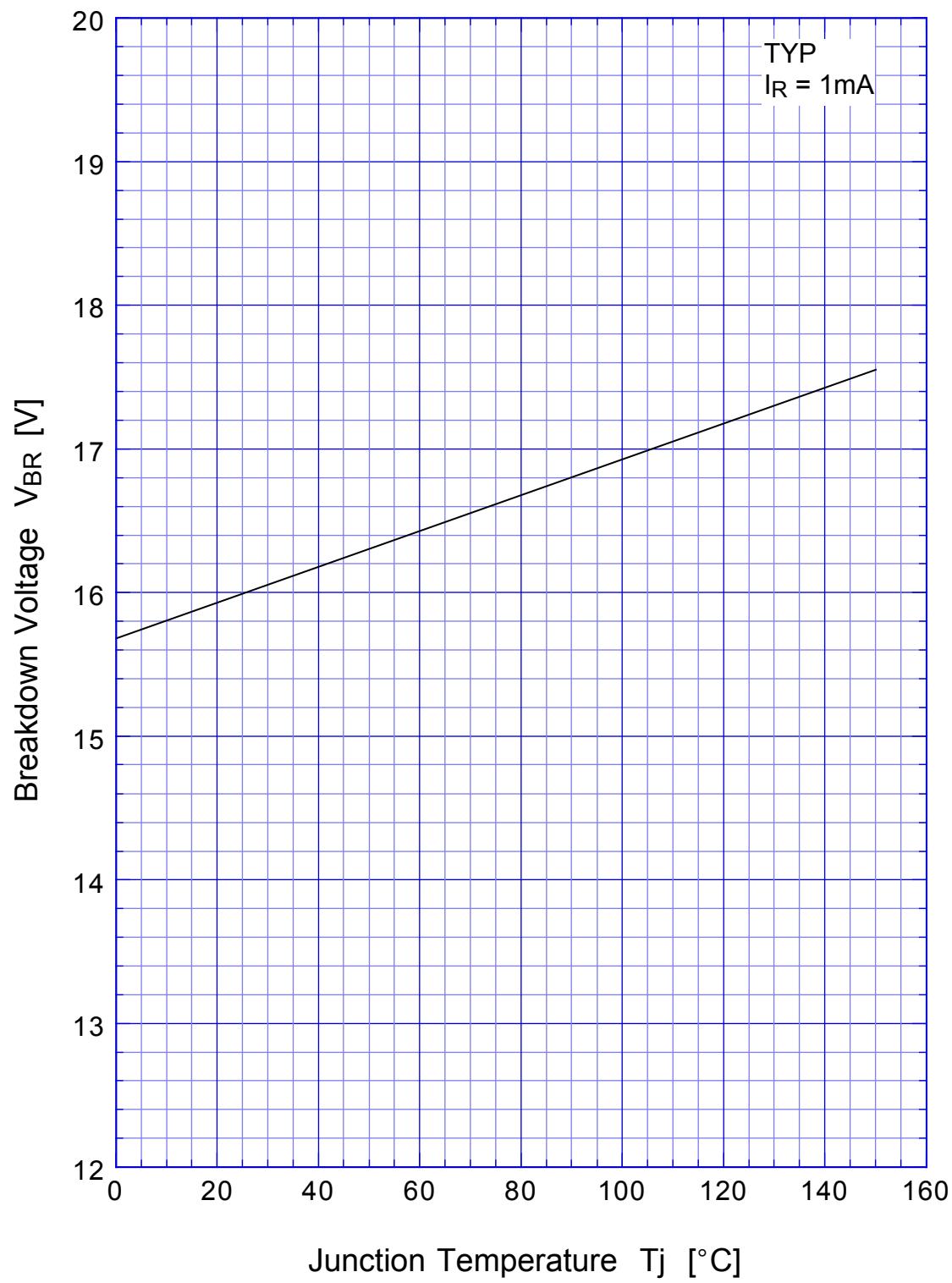
Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V <sub>BR</sub>	I <sub>R</sub> = 1mA	14.4~17.6	V
Clamping Voltage	V <sub>CL</sub>	I <sub>PP</sub> = 15A	MAX 23	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> = 13.6V	MAX 5	μ A

**ST04-16F1**

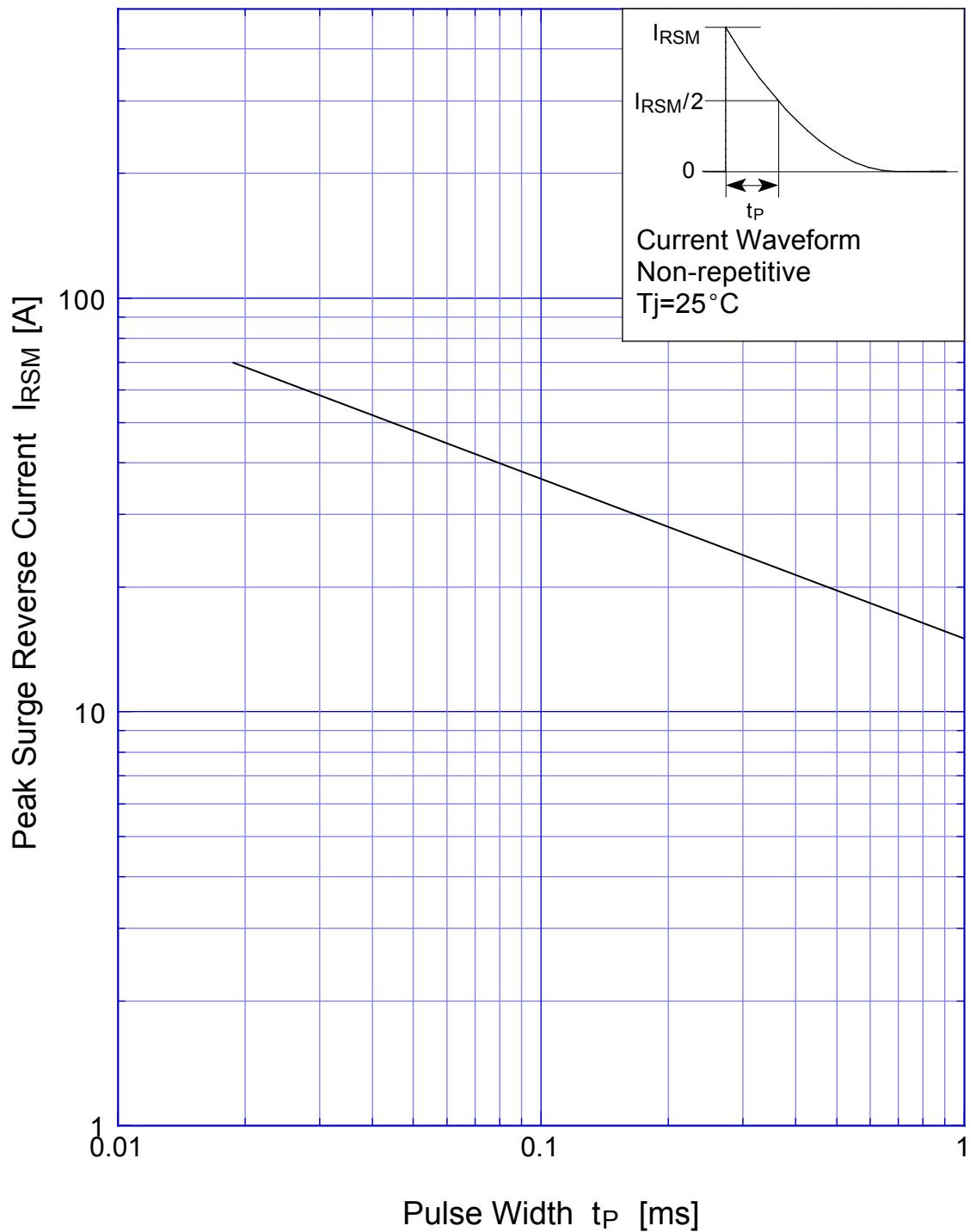
Clamping Voltage



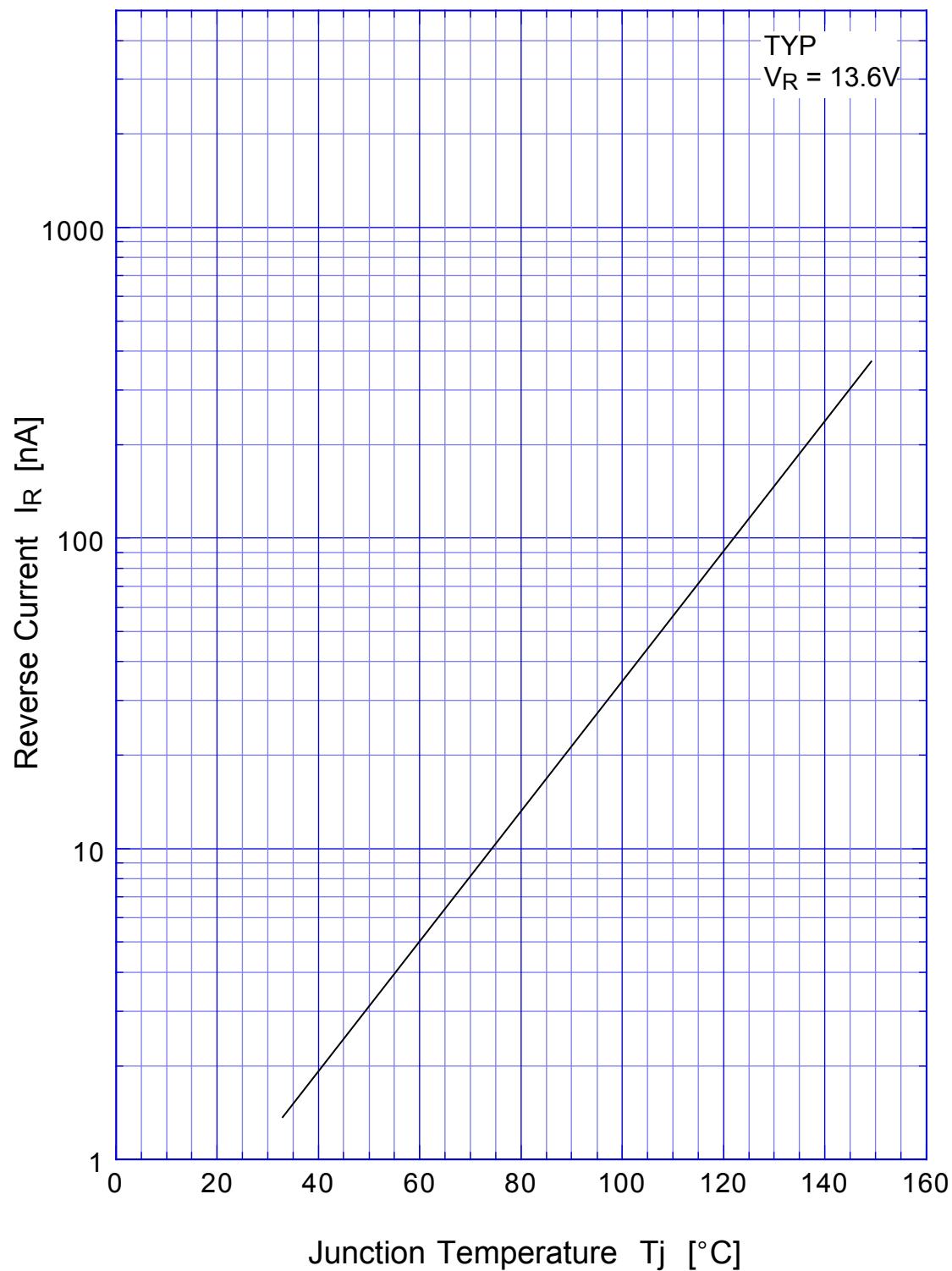
## ST04-16F1 Breakdown Voltage



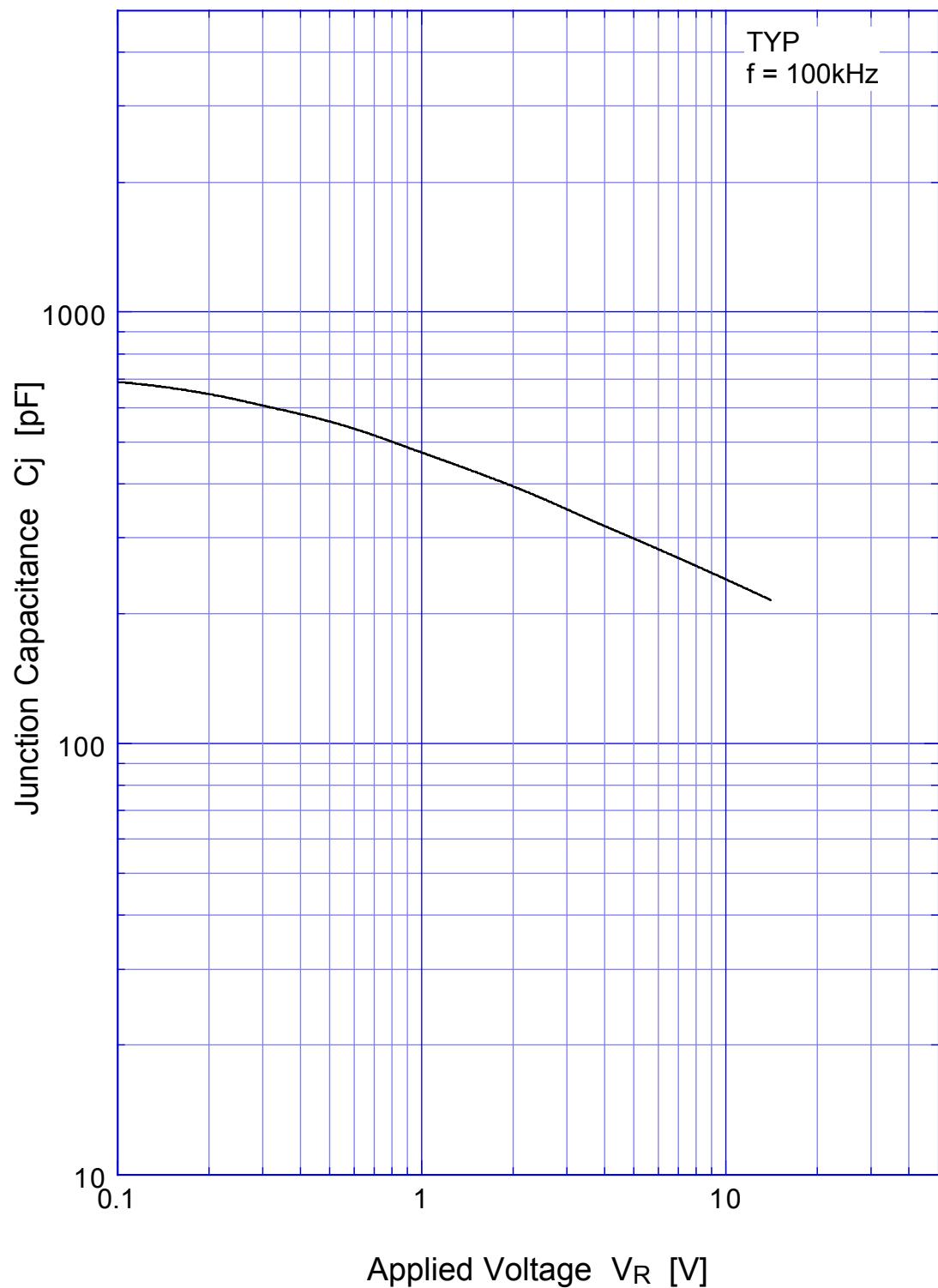
ST04-16F1 Peak Surge Reverse Current



**ST04-16F1**      Reverse Current



# ST04-16F1 Junction Capacitance



# ST04-16F1 Junction Capacitance

