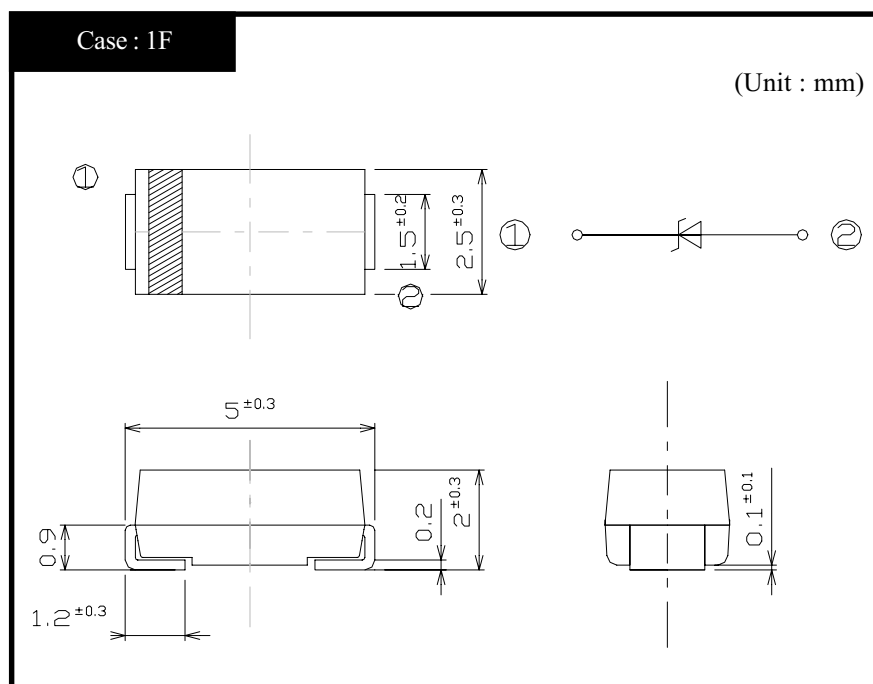


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OUTLINE DIMENSIONS



RATINGS

● Absolute Maximum Ratings

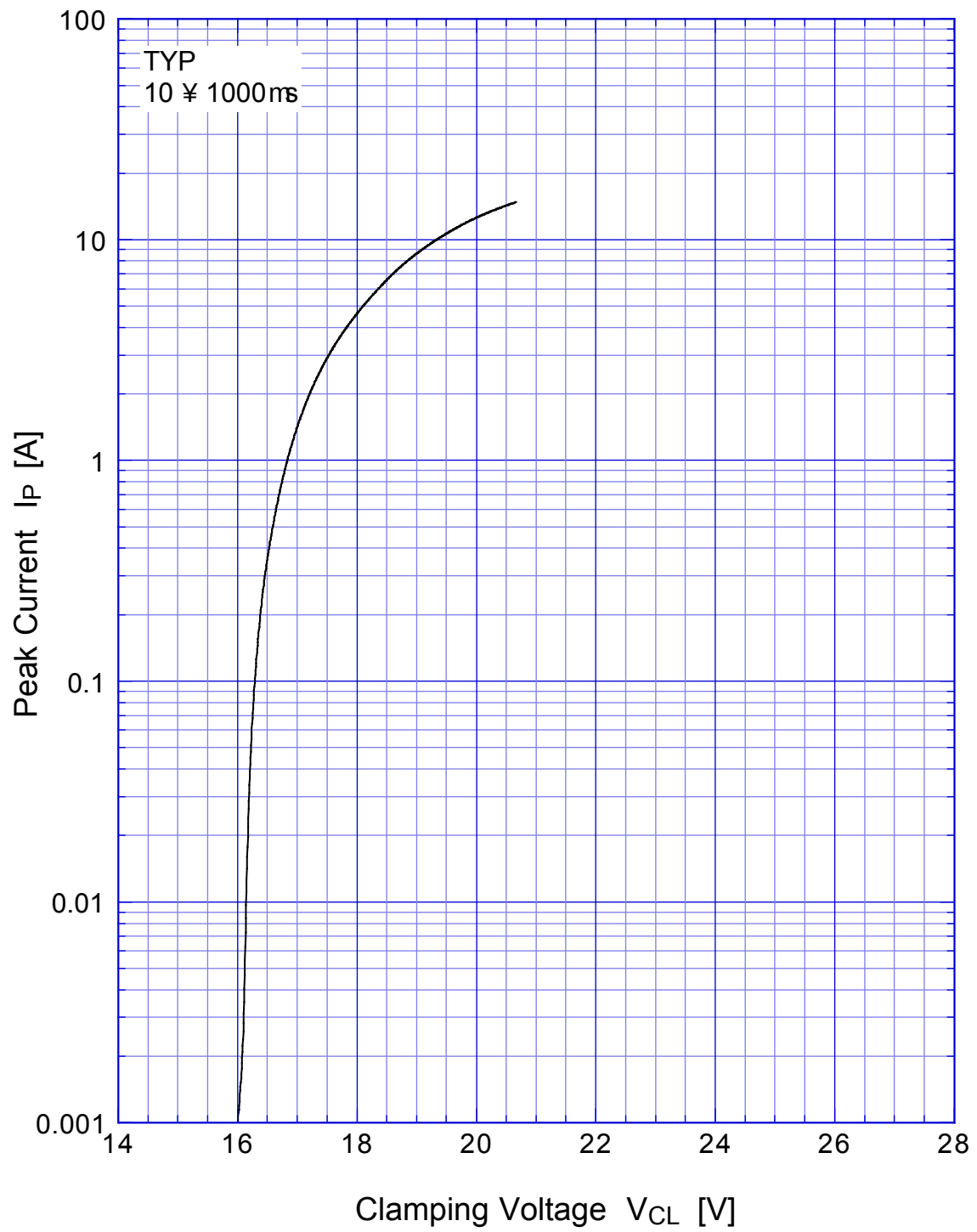
Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-55~175	°C
Junction Temperature	T _j		150	°C
Peak Surge Reverse Current	I _{RSM}	10/1000 μ s, Non-repetitive	15	A
		10/200 μ s, Non-repetitive	28	
Maximum Reverse Voltage	V _{RM}		13.6	V

●Electrical Characteristics (Tl=25°C)

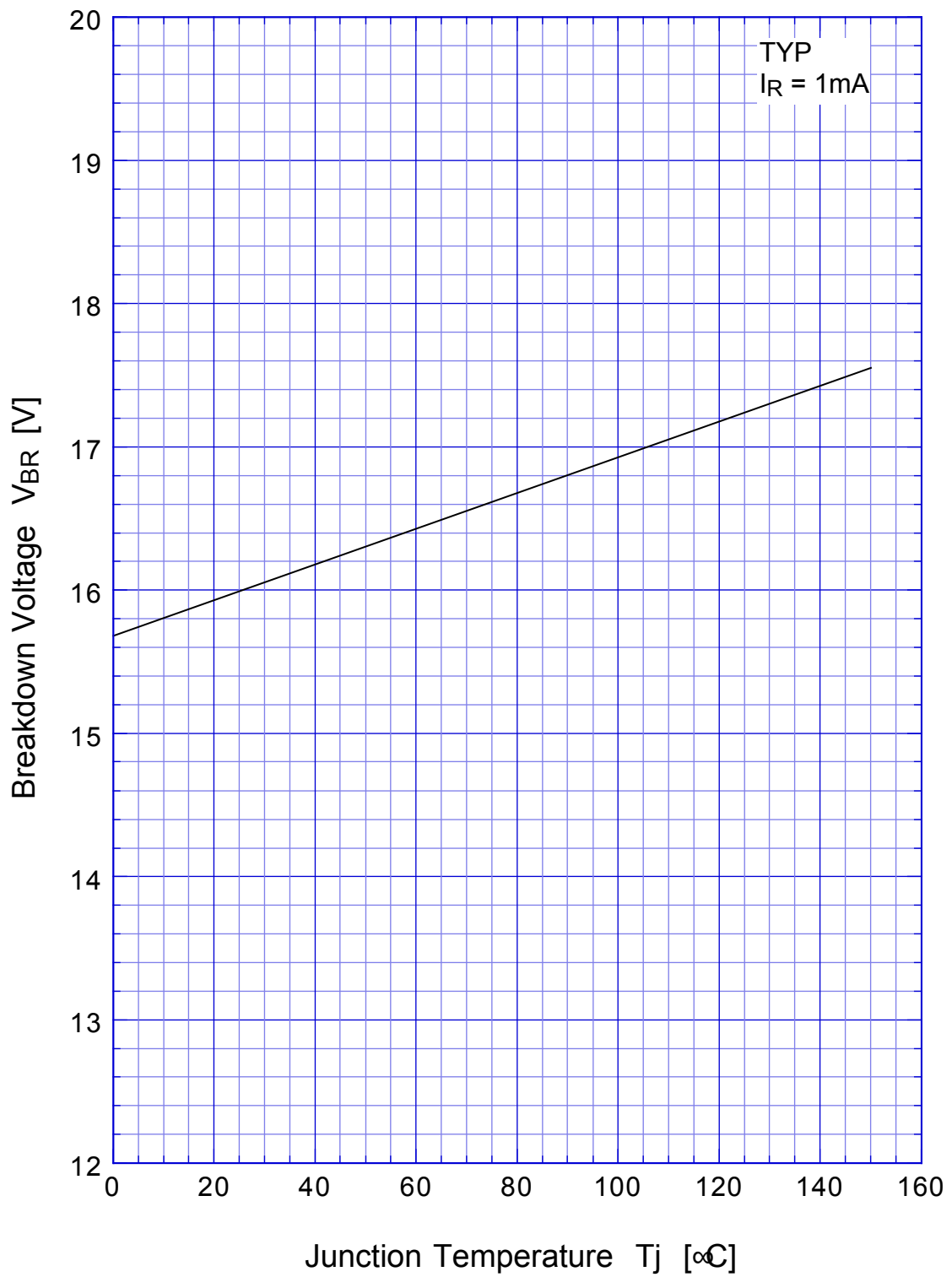
Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V_{BR}	$I_R = 1mA$	14.4~17.6	V
Clamping Voltage	V_{CL}	$I_{PP} = 15A$	MAX 23	V
Reverse Current	I_R	$V_R = 13.6V$	MAX 5	μA

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Clamping Voltage

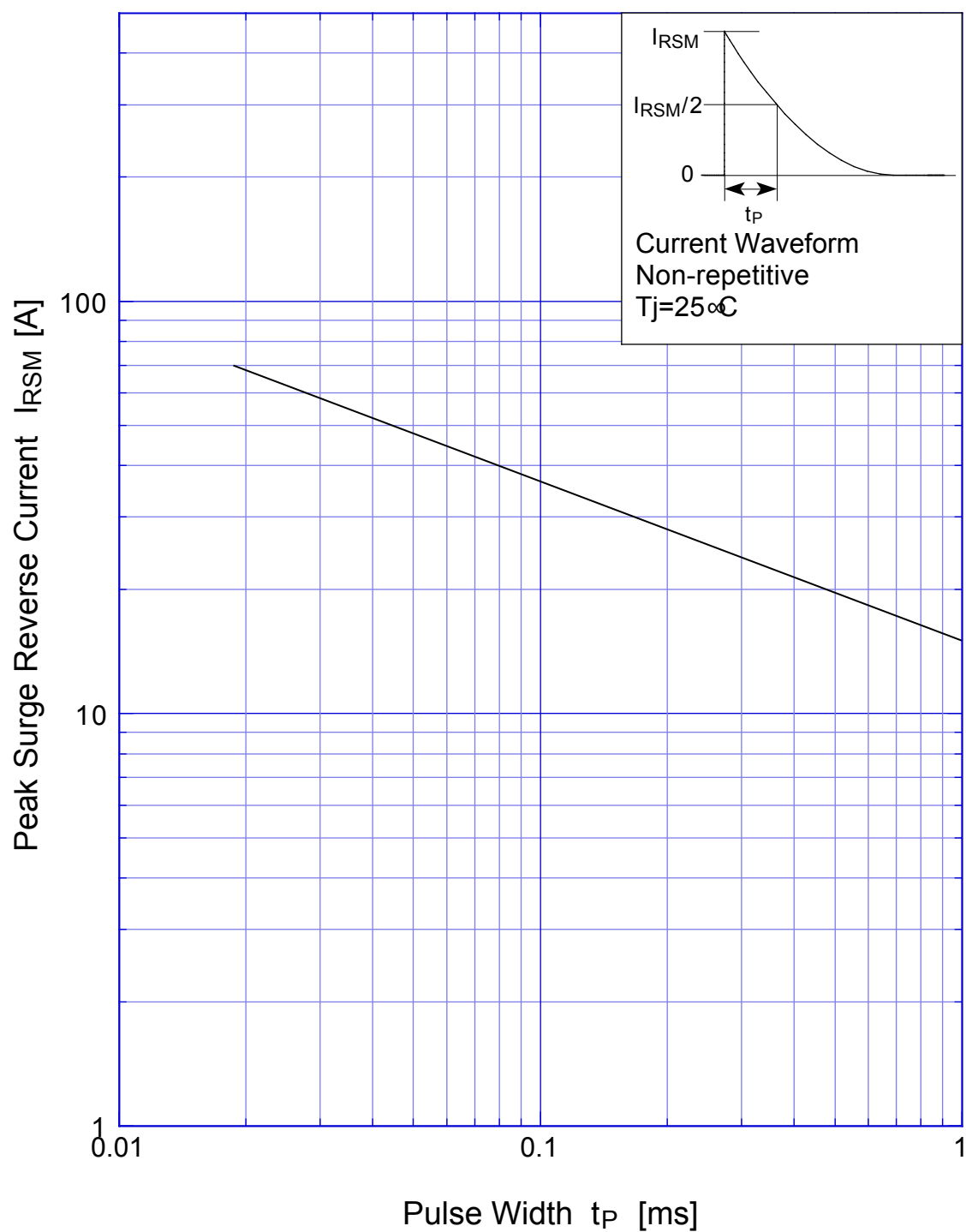


ST04-16F1 Breakdown Voltage

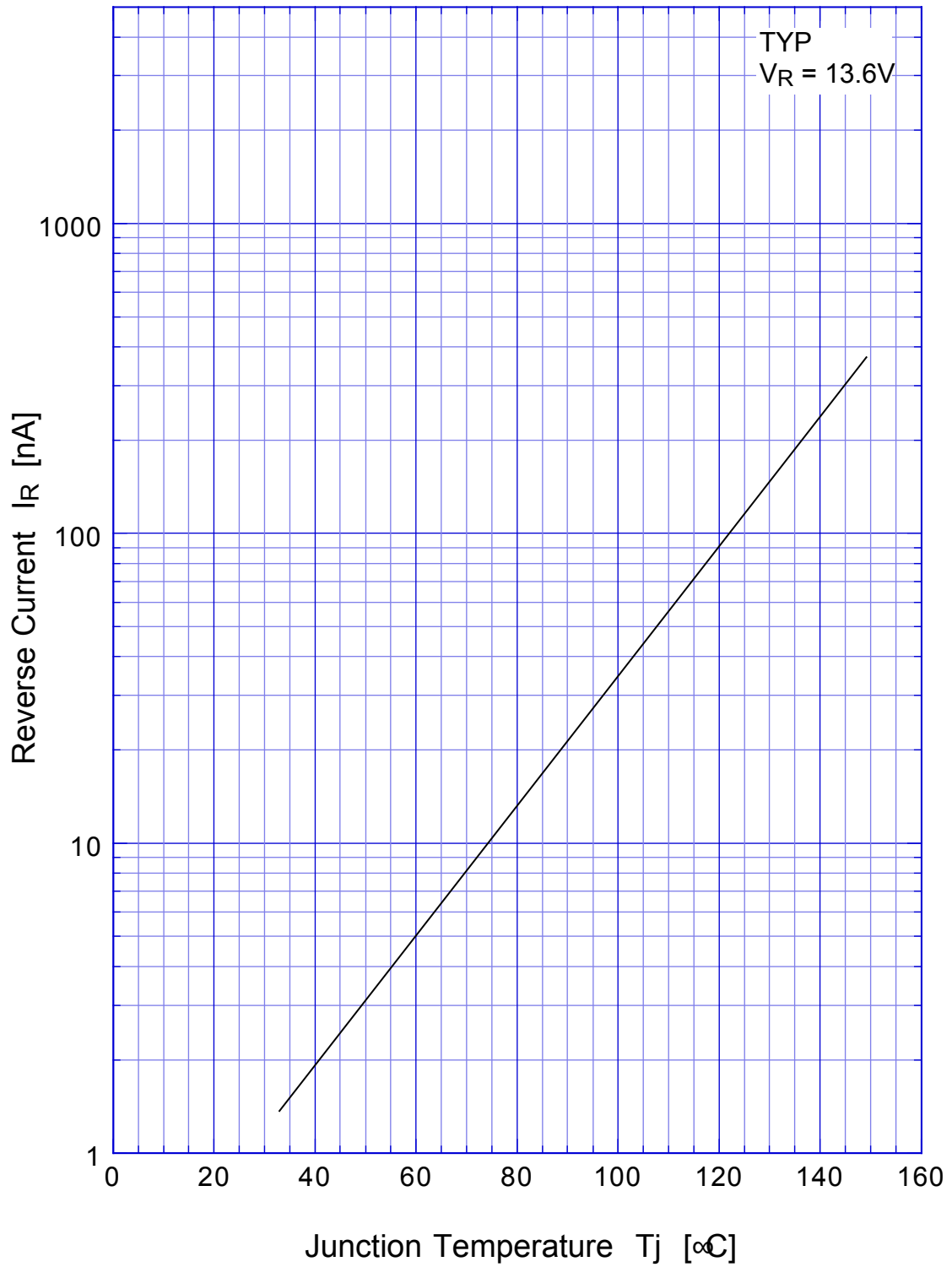


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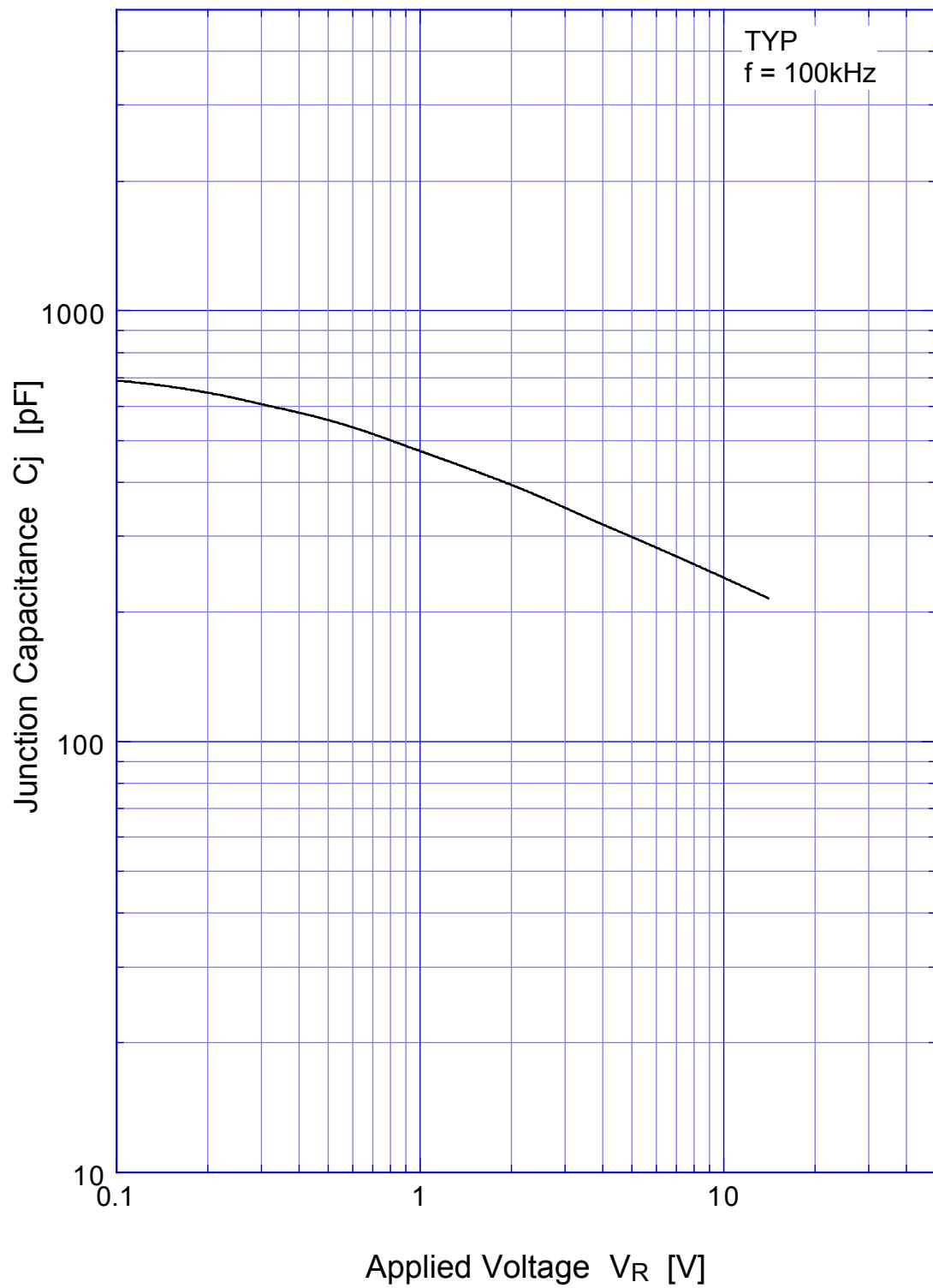
Peak Surge Reverse Current



ST04-16F1 Reverse Current



ST04-16F1 Junction Capacitance



ST04-16F1 Junction Capacitance

