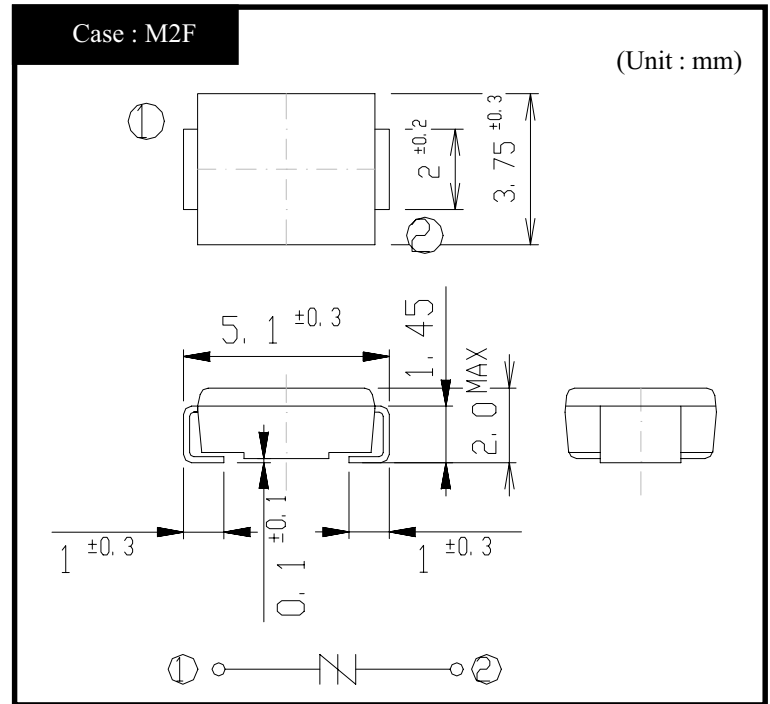


KU15N14

OUTLINE DIMENSIONS



RATINGS

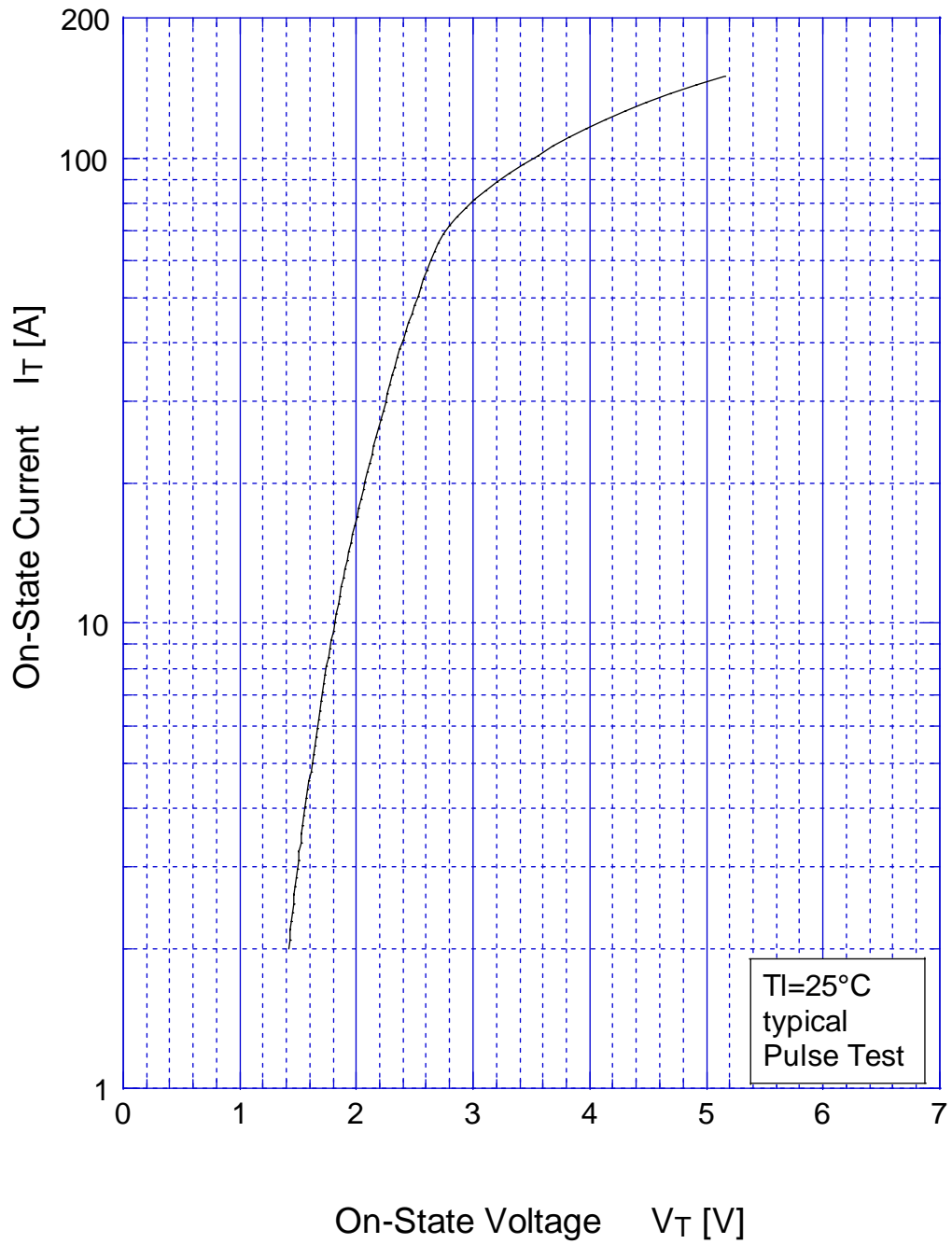
Absolute Maximum Ratings

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-40 to 125	°C
Junction Temperature	T _j		125	°C
Operating Temperature	T _{op}		-40 to 70	°C
Maximum Off-State Voltage	V _{DRM}		120	V
Surge On-State Current	I _{TSM}	Pulse-waveform 10/1000 μ s, Non-repetitive	150	A

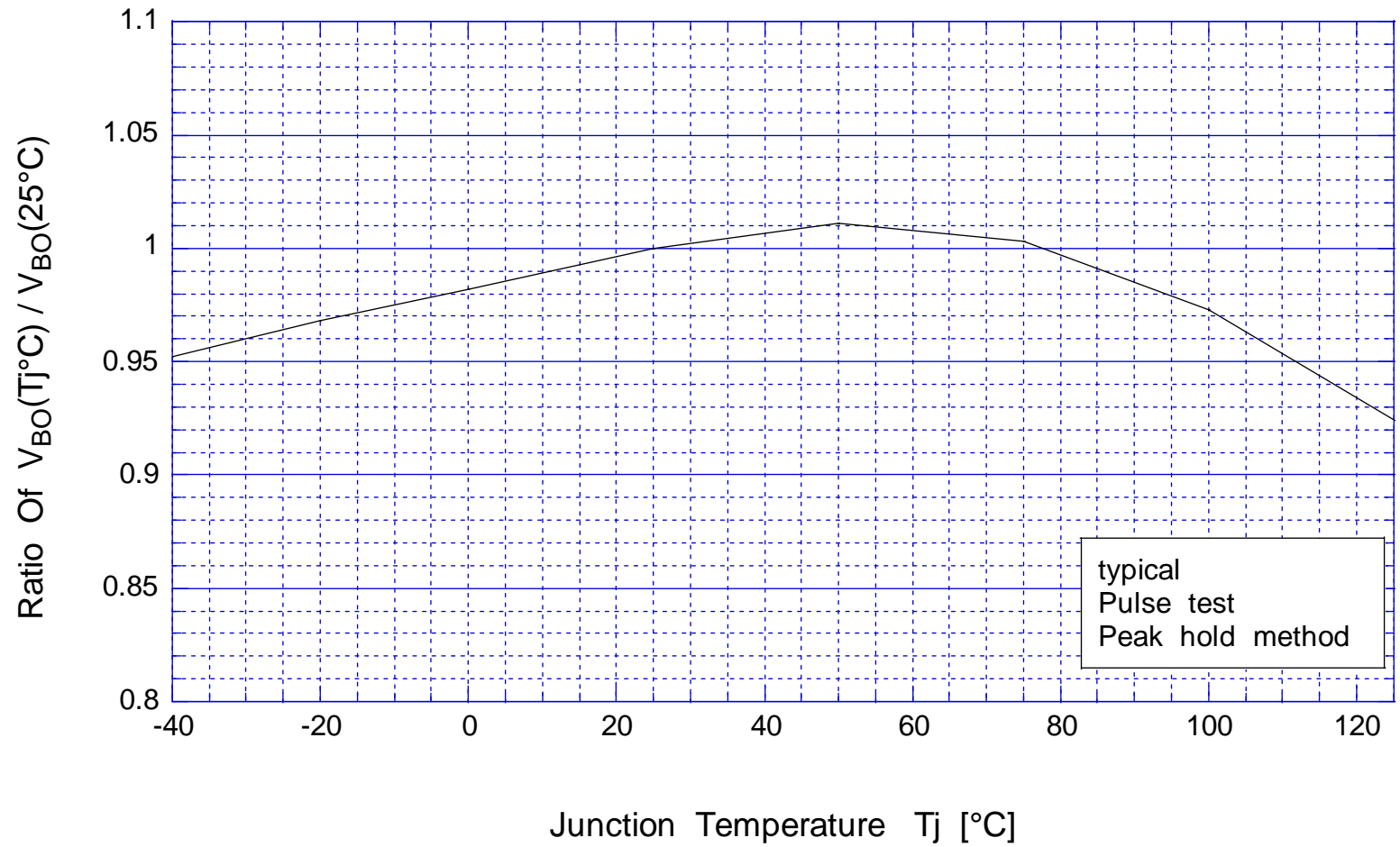
Electrical Characteristics (T_c=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakover Voltage	V _{BO}	dv/dt = 8V/ms (Peak hold)	Min 125	V
Off-State Current	I _{DRM}	V _D = V _{DRM}	Max 5.0	μ A
Holding Current	I _H	Pulse measurement	Min 150(100)	mA
On-State Voltage	V _T	I _T = 2A	TYP 1.45	V
Capacitance	C _j	f = 1kHz OSC = 1Vrms, V _D = 50V	Max 110	pF
Clamping Voltage	V _{CL}	dv/dt = 100V/ μ s	Max 195	V

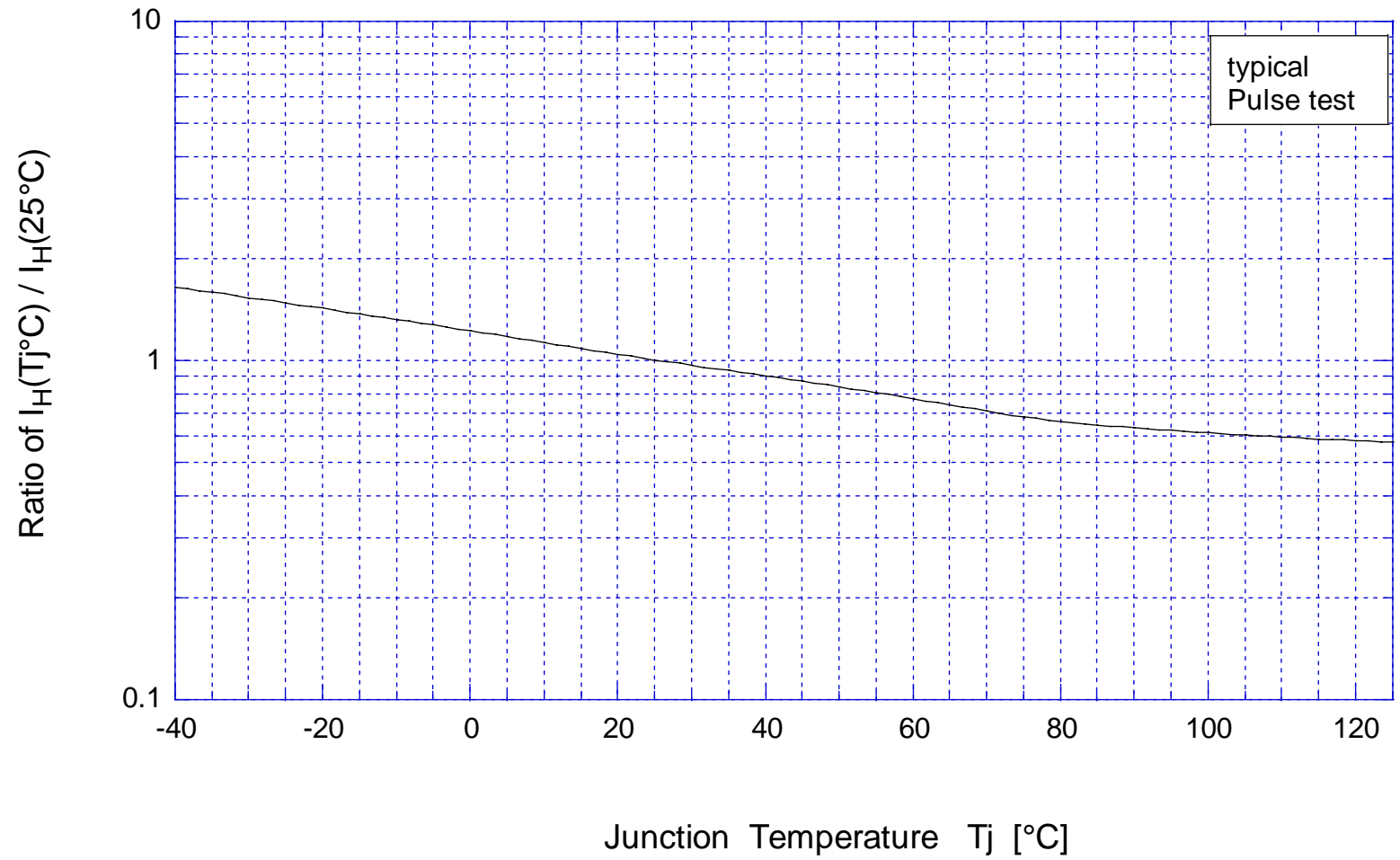
KU15N14 On-State Voltage - On-State Current



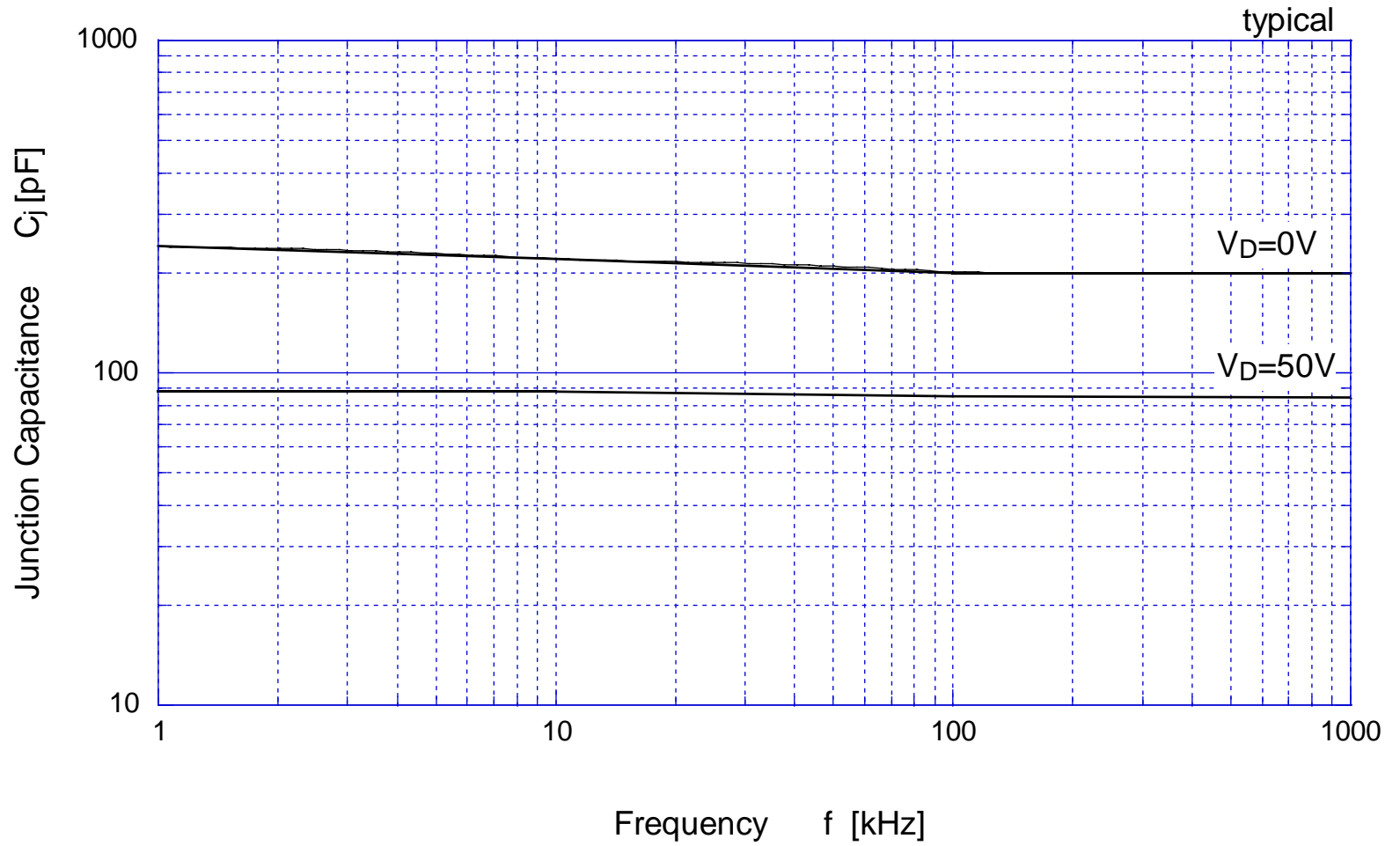
KU15N14 Break Over Voltage - Junction Temperature



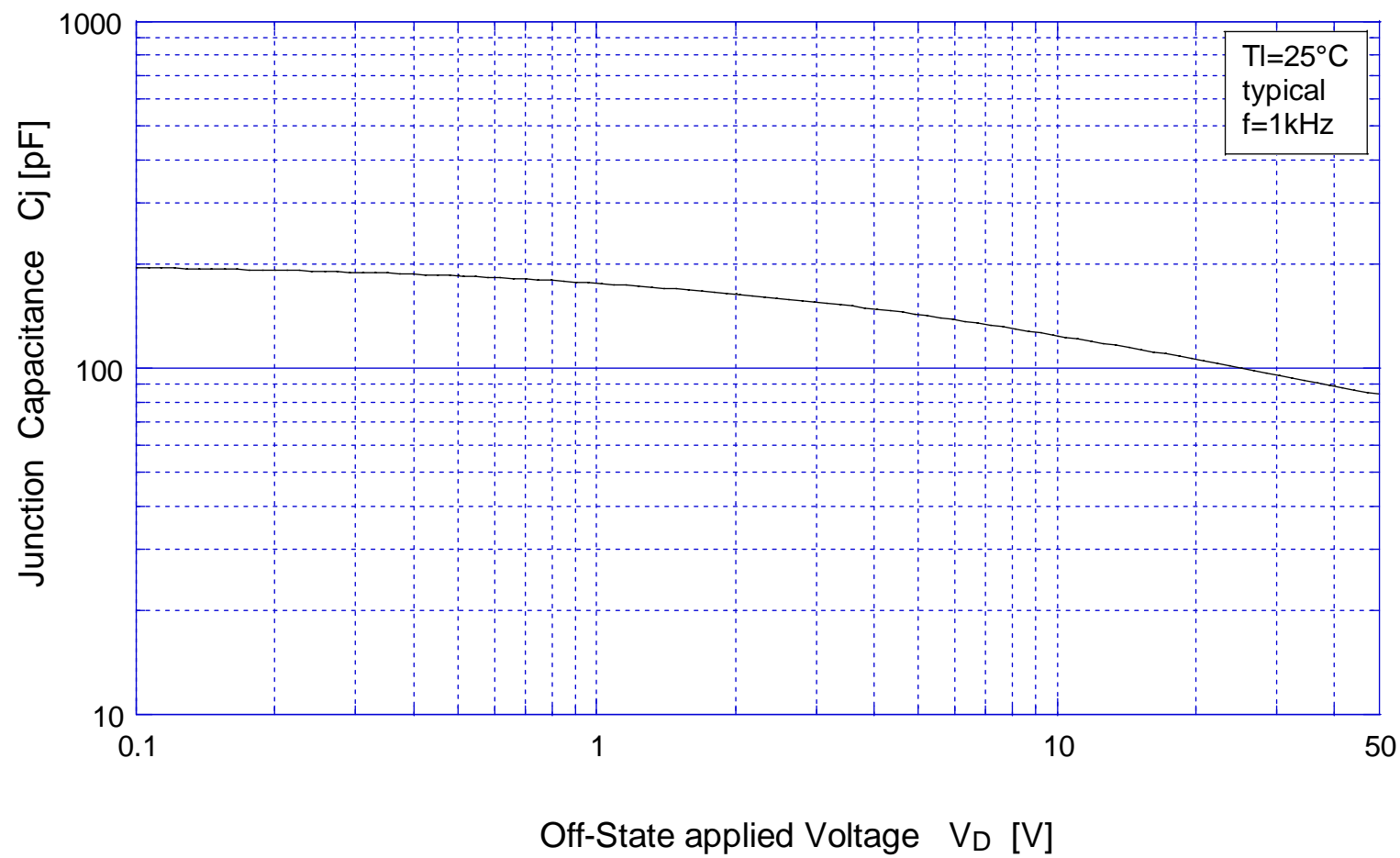
KU15N14 Holding Current



KU15N14 Junction Capacitance



KU15N14 Junction Capacitance



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