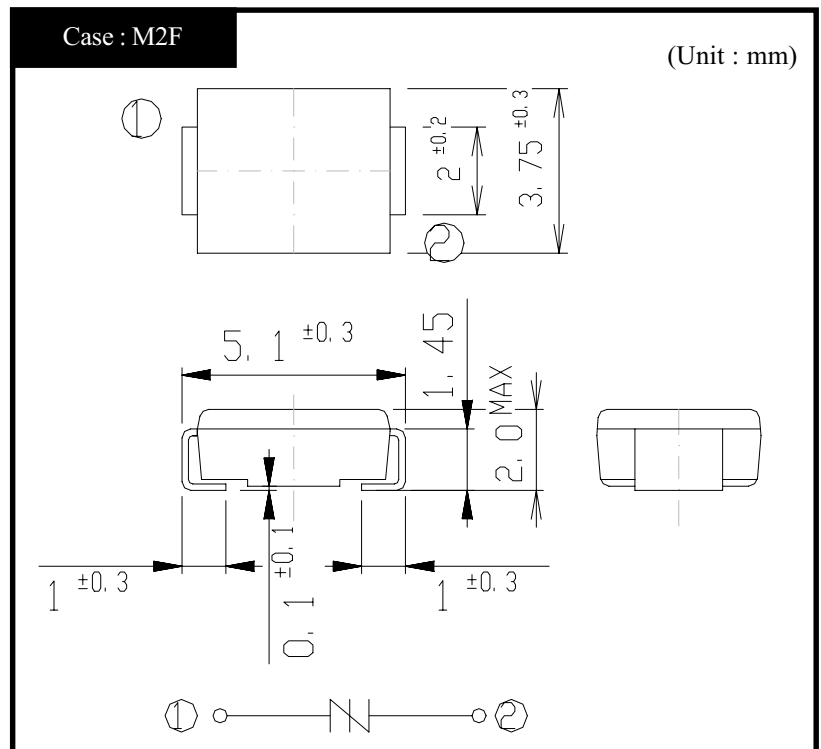


KU10N14

OUTLINE DIMENSIONS



RATINGS

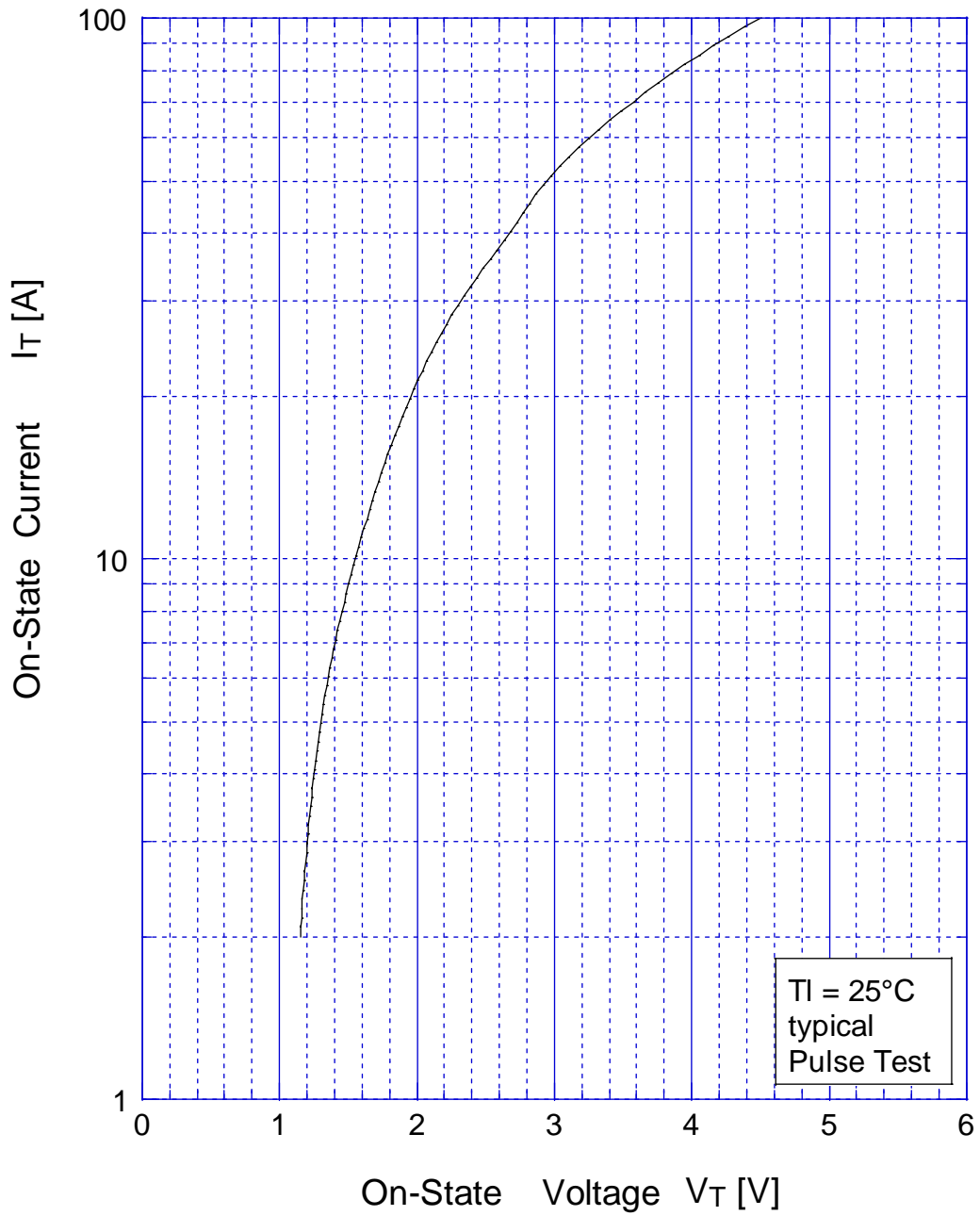
● Absolute Maximum Ratings (Unless otherwise specified, $T_c=25^\circ\text{C}$)

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T_{stg}		-40~125	$^\circ\text{C}$
Junction Temperature	T_j		125	$^\circ\text{C}$
Maximum Off-State Voltage	V_{DRM}		120	V
Surge On-State Current	I_{TSM}	Pulse-waveform 10/1000 μs , Non-repetitive	100	A

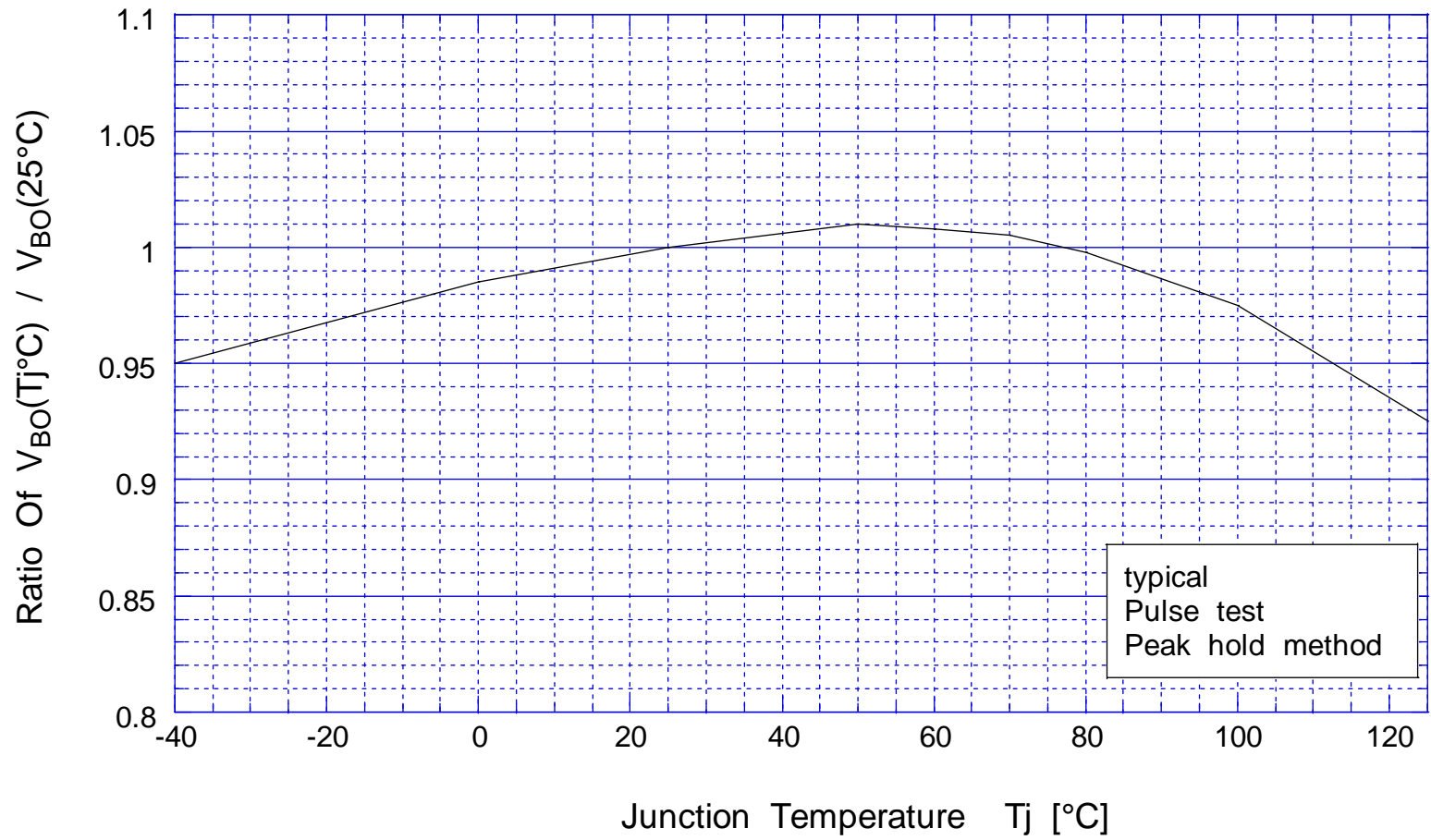
● Electrical Characteristics (Unless otherwise specified, $T_c=25^\circ\text{C}$)

Item	Symbol	Conditions	Ratings	Unit
Breakover Voltage	V_{BO}	$dv/dt = 8\text{V/ms}$ (Peak hold)	Min 125	V
Off-State Current	I_{DRM}	$V_D = V_{DRM}$	Max 5.0	μA
Holding Current	I_H	Pulse measurement	Min 100	mA
On-State Voltage	V_T	$I_T = 2\text{A}$	Max 3.0	V
Capacitance	C_j	$f = 1\text{kHz}$, $V_D = 50\text{V}$	Max 140	pF
Clamping Voltage	V_{CL}	$dv/dt = 100\text{V}/\mu\text{s}$	Max 195	V

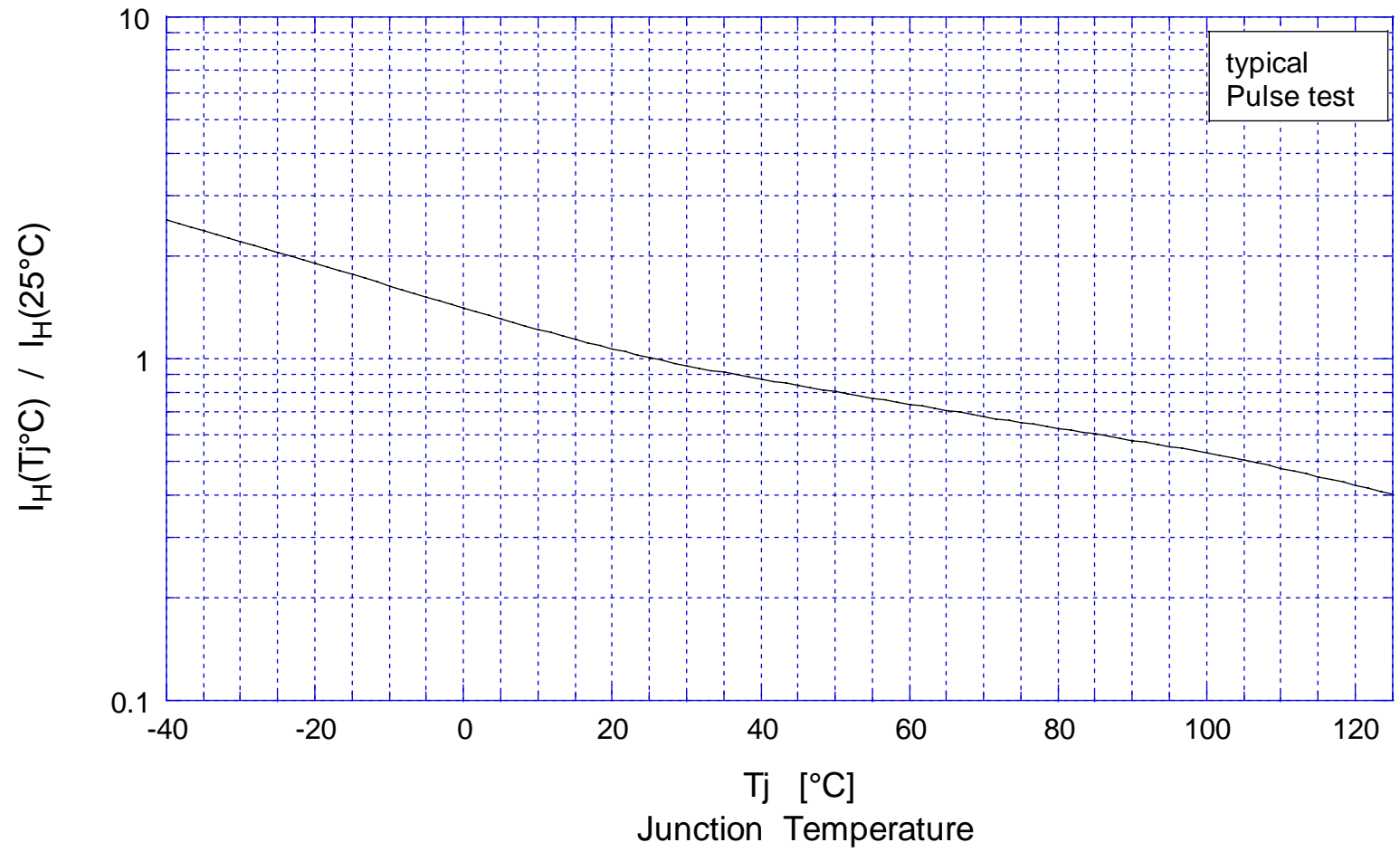
KU10N14 On-State Voltage - On-State Current



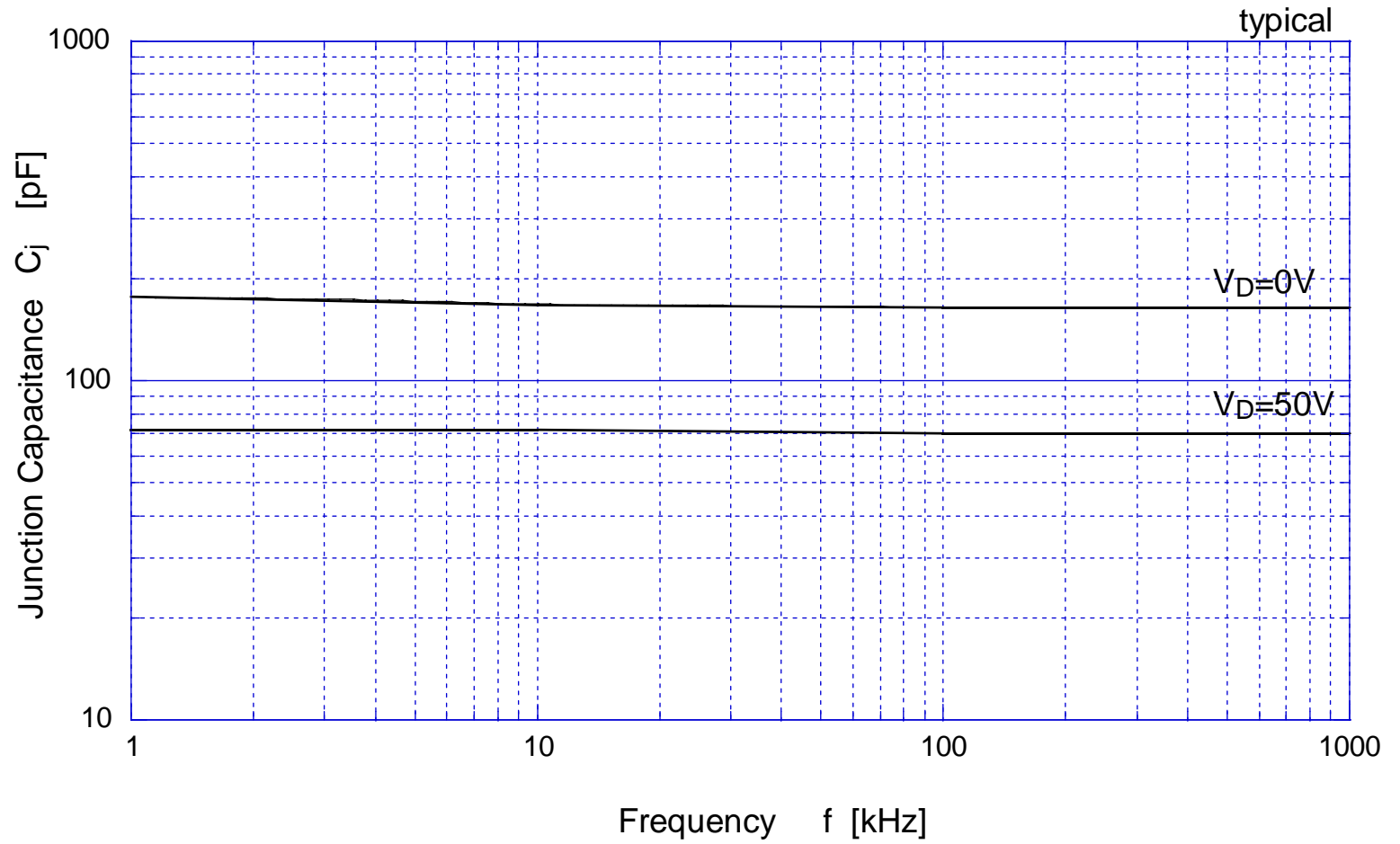
KU10N14 Break Over Voltage vs Junction Temperature



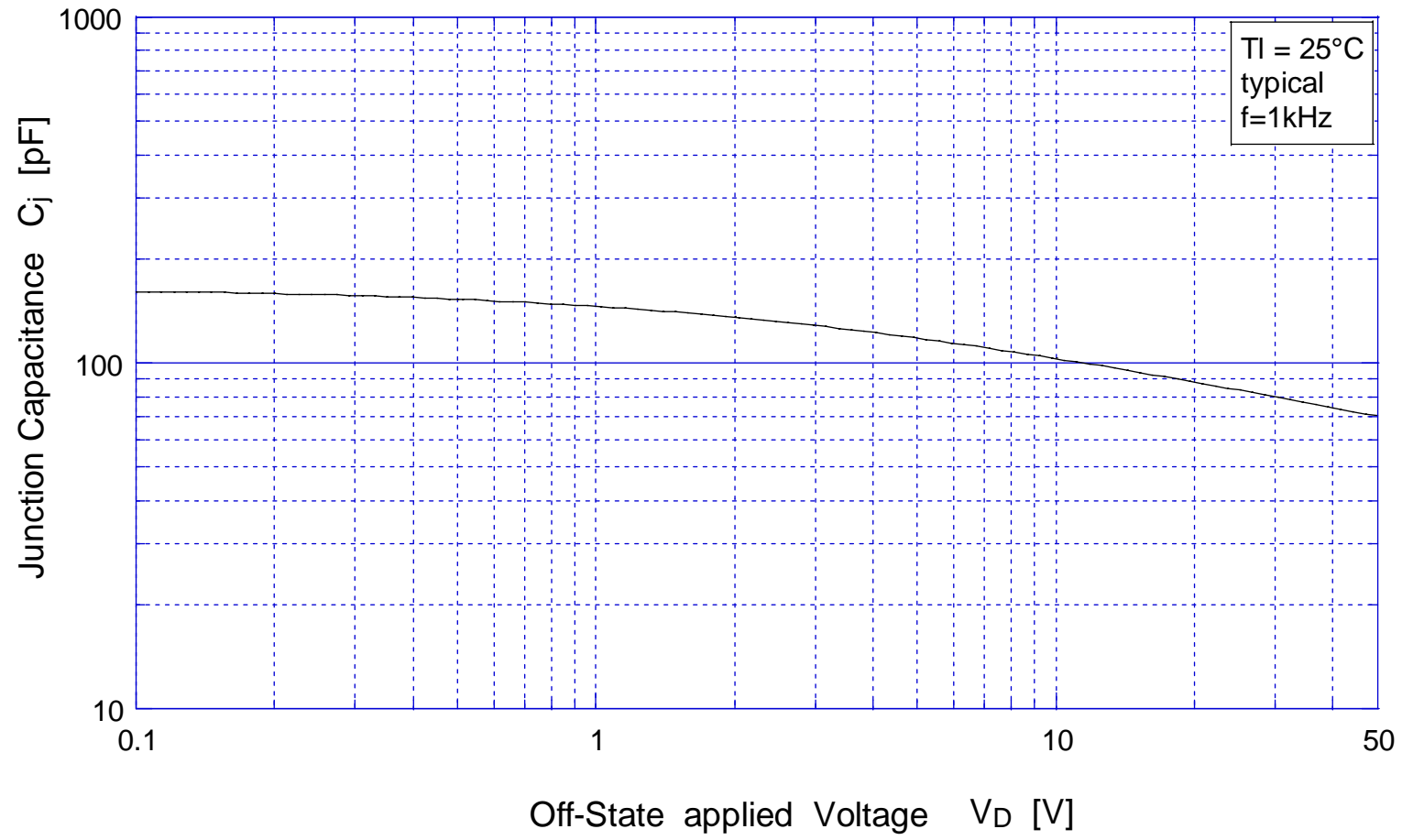
KU10N14 Holding Current



KU10N14 Junction Capacitance



KU10N14 Junction Capacitance



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