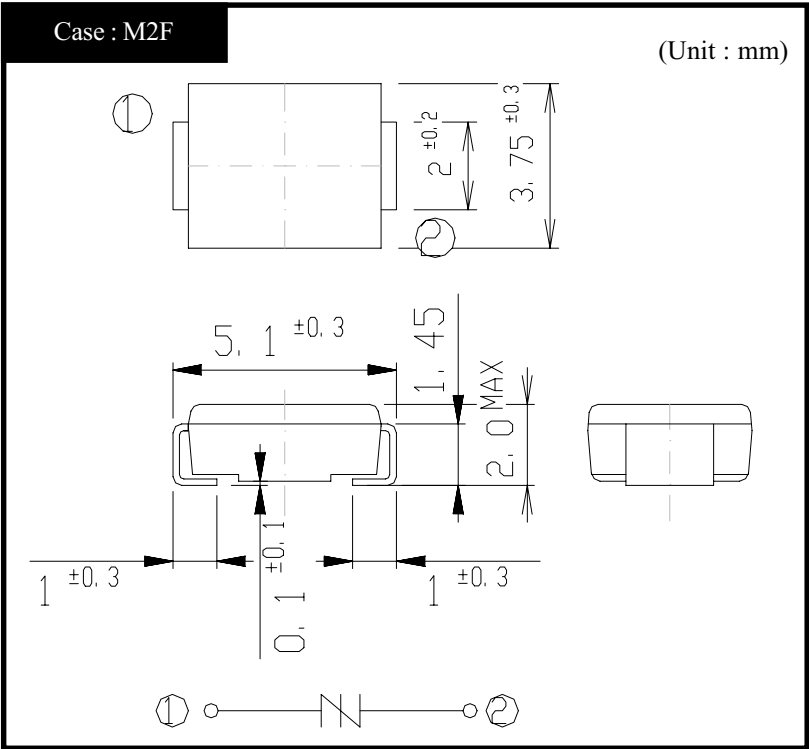


KU10N14

OUTLINE DIMENSIONS



RATINGS

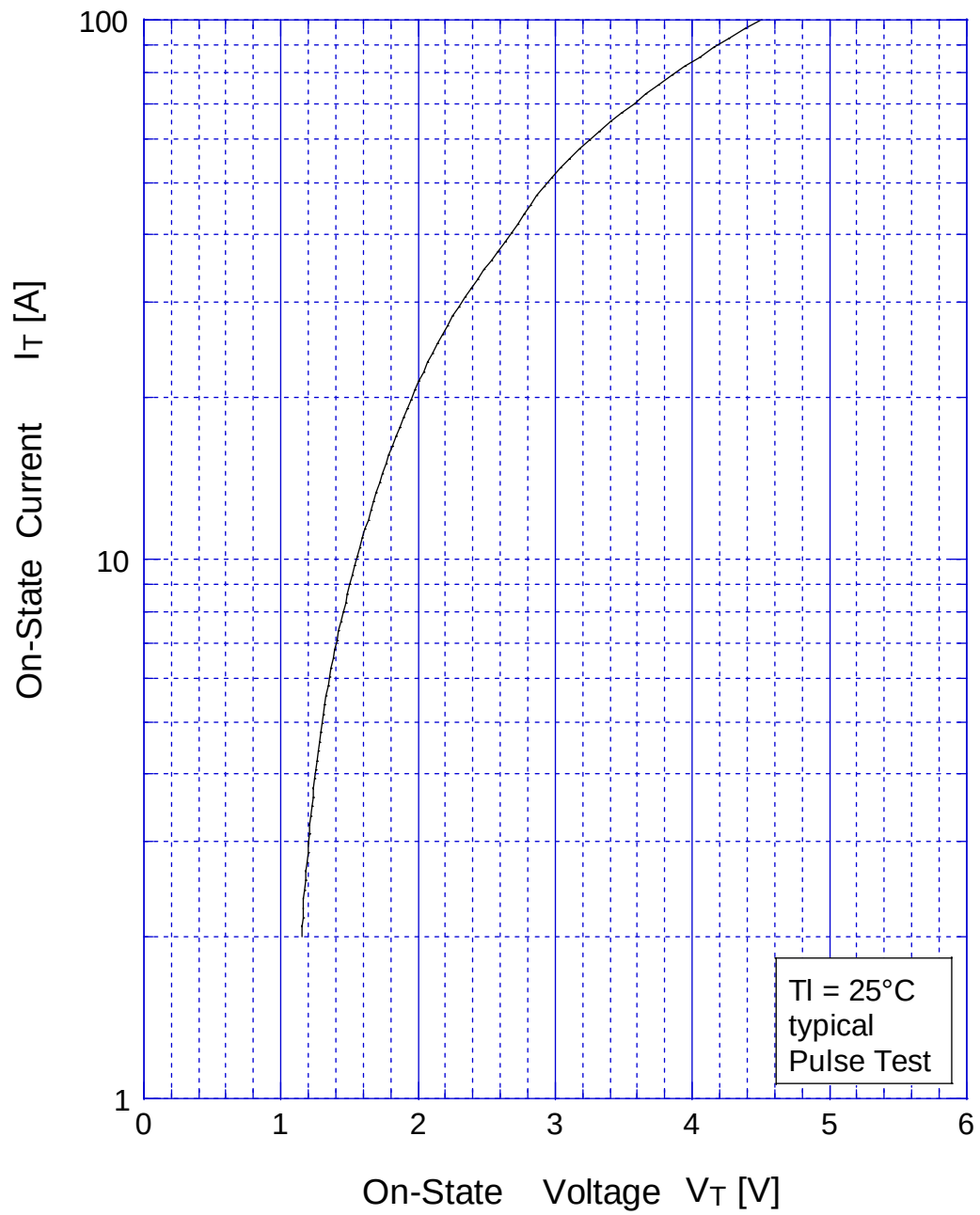
●Absolute Maximum Ratings (Unless otherwise specified, Tc=25°C)

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	Tstg		-40~125	°C
Junction Temperature	Tj		125	°C
Maximum Off-State Voltage	V _{DRM}		120	V
Surge On-State Current	I _{TSM}	Pulse-waveform 10/1000 μ s, Non-repetitive	100	A

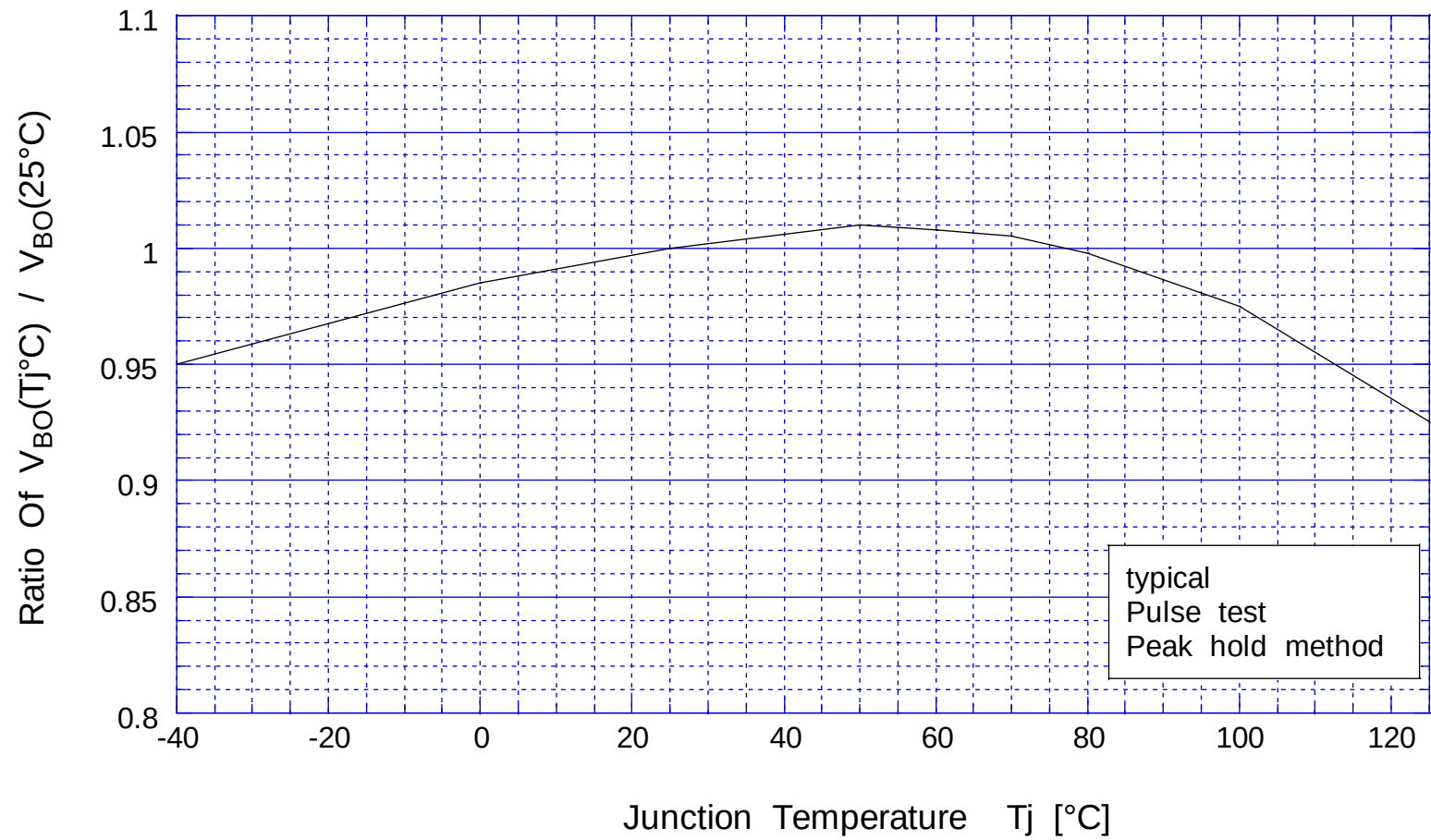
●Electrical Characteristics (Unless otherwise specified, Tc=25°C)

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 100	mA
On-State Voltage	V _T	I _T = 2A	Max 3.0	V
Capacitance	C _j	f = 1kHz, V _D = 50V	Max 140	pF
Clamping Voltage	V _{CL}	dv/dt = 100V/μ s	Max 195	V

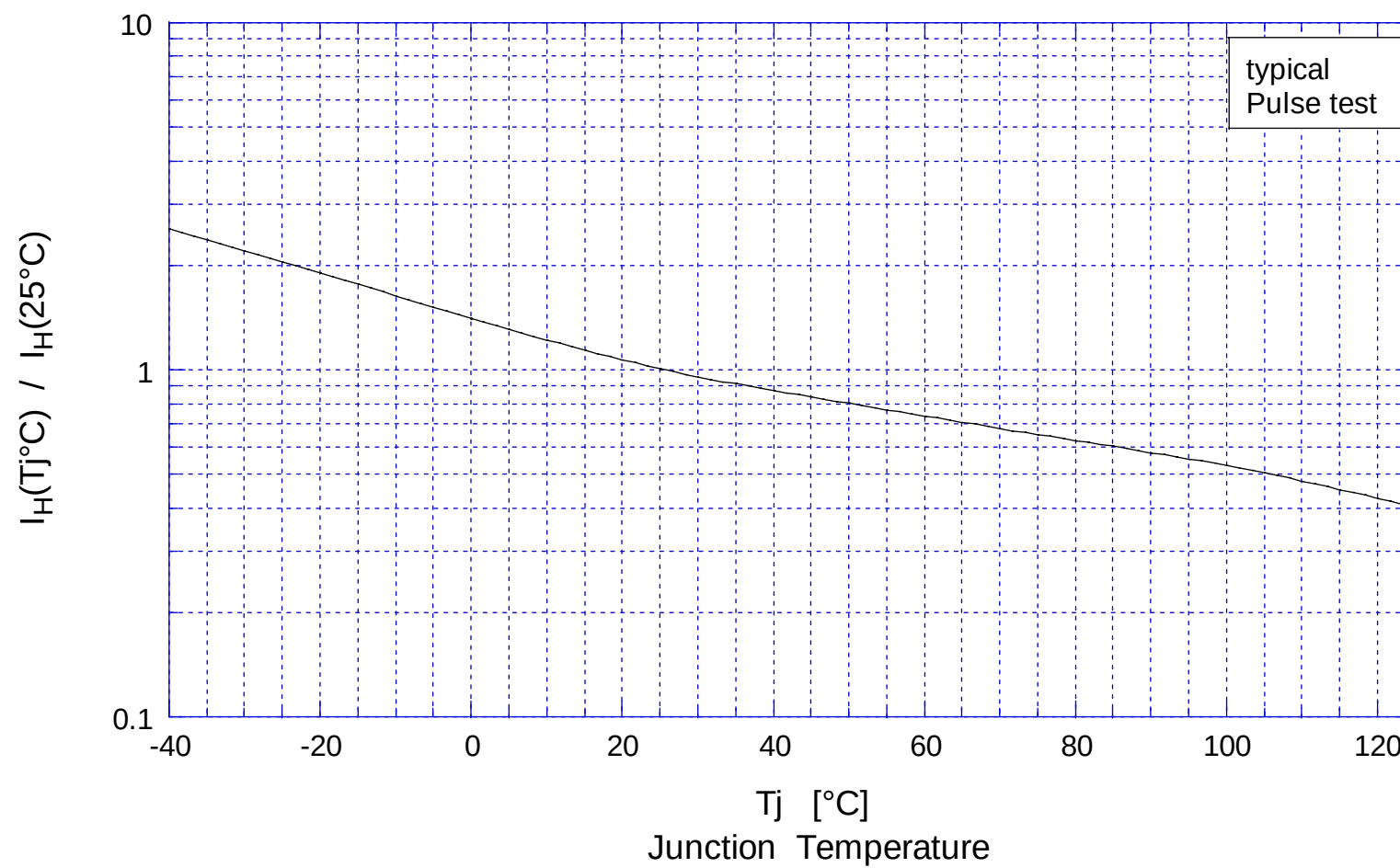
KU10N14 On-State Voltage - On-State Current



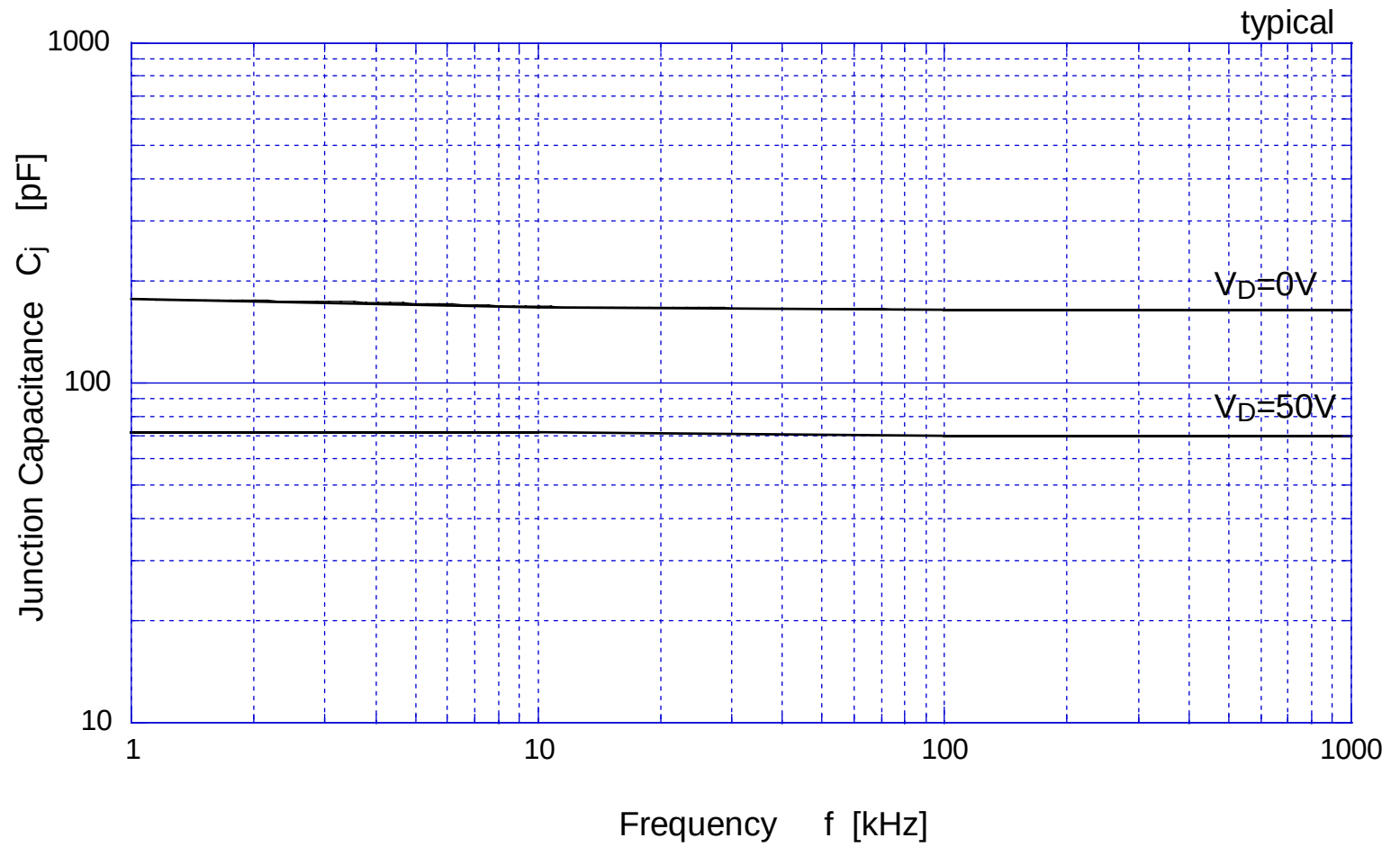
KU10N14 Break Over Voltage vs Junction Temperature



KU10N14 Holding Current



KU10N14 Junction Capacitance



KU10N14

Junction Capacitance

