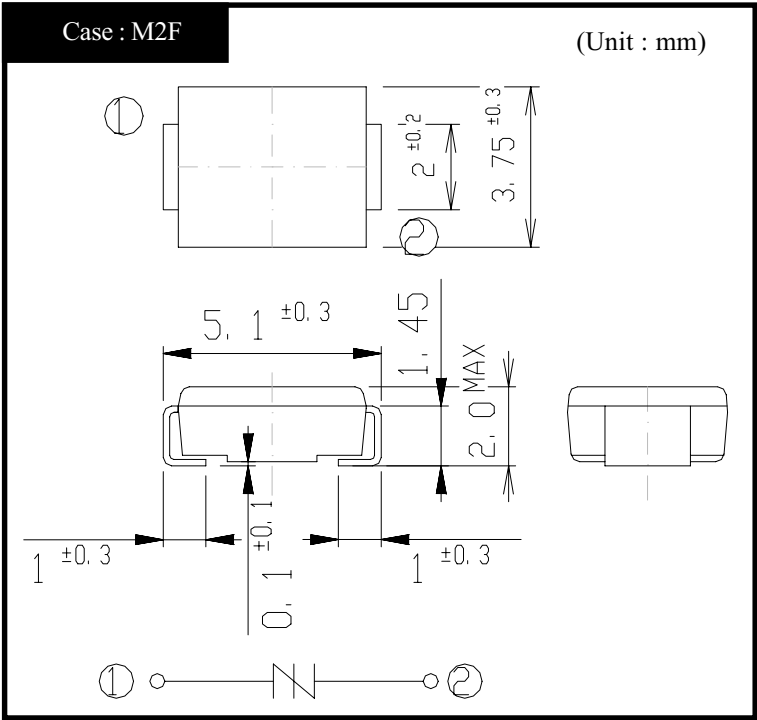


KU5R29N

OUTLINE DIMENSIONS



RATINGS

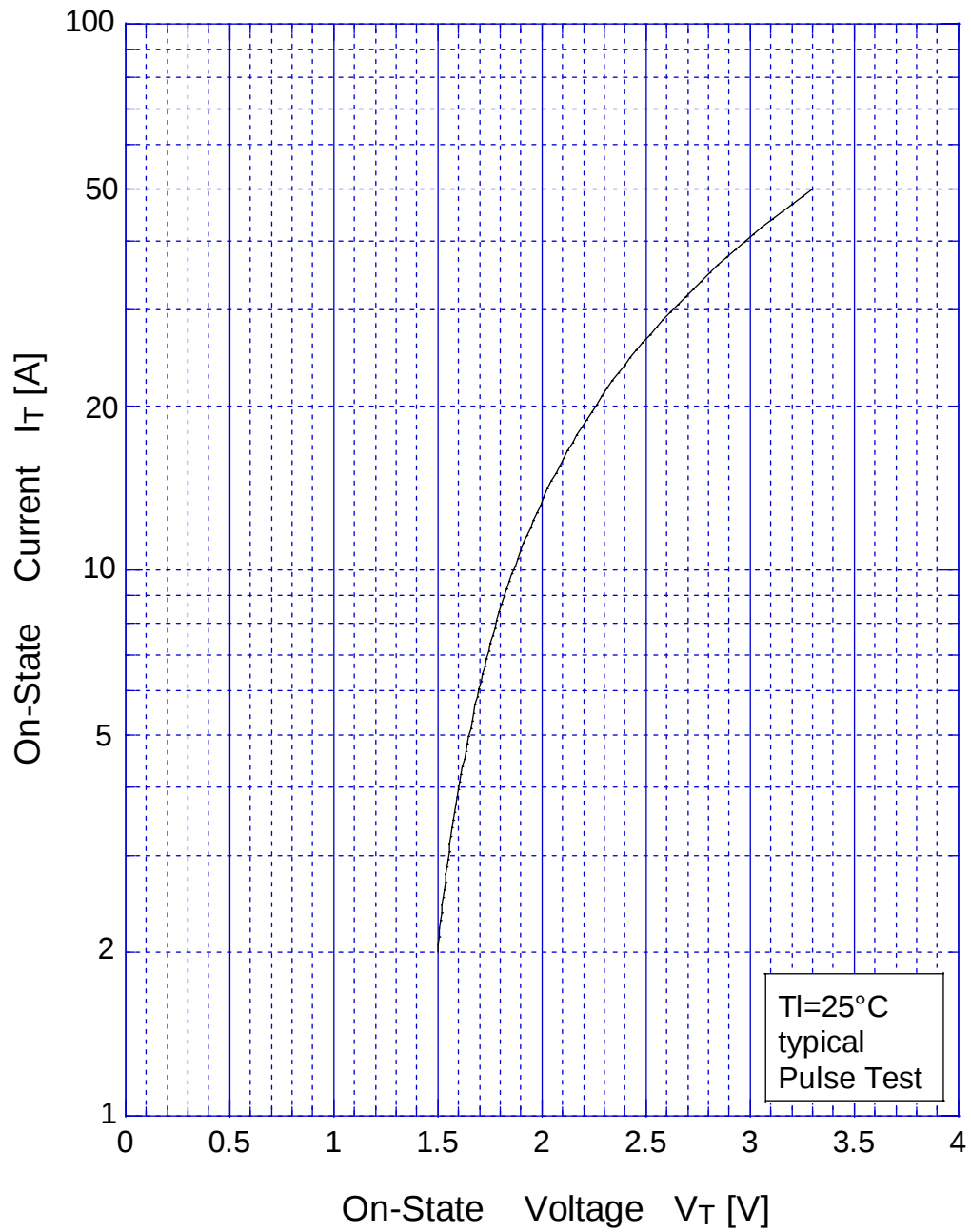
●Absolute Maximum Ratings (TI=25°C unless otherwise specified)

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	Tstg		-40~125	°C
Operating Junction Temperature	Tj		125	°C
Maximum Off-State Voltage	V _{DRM}		250	V
Surge On-State Current	I _{TSM}	Pulse-waveform 10/1000μ s, Non-repetitive	50	A

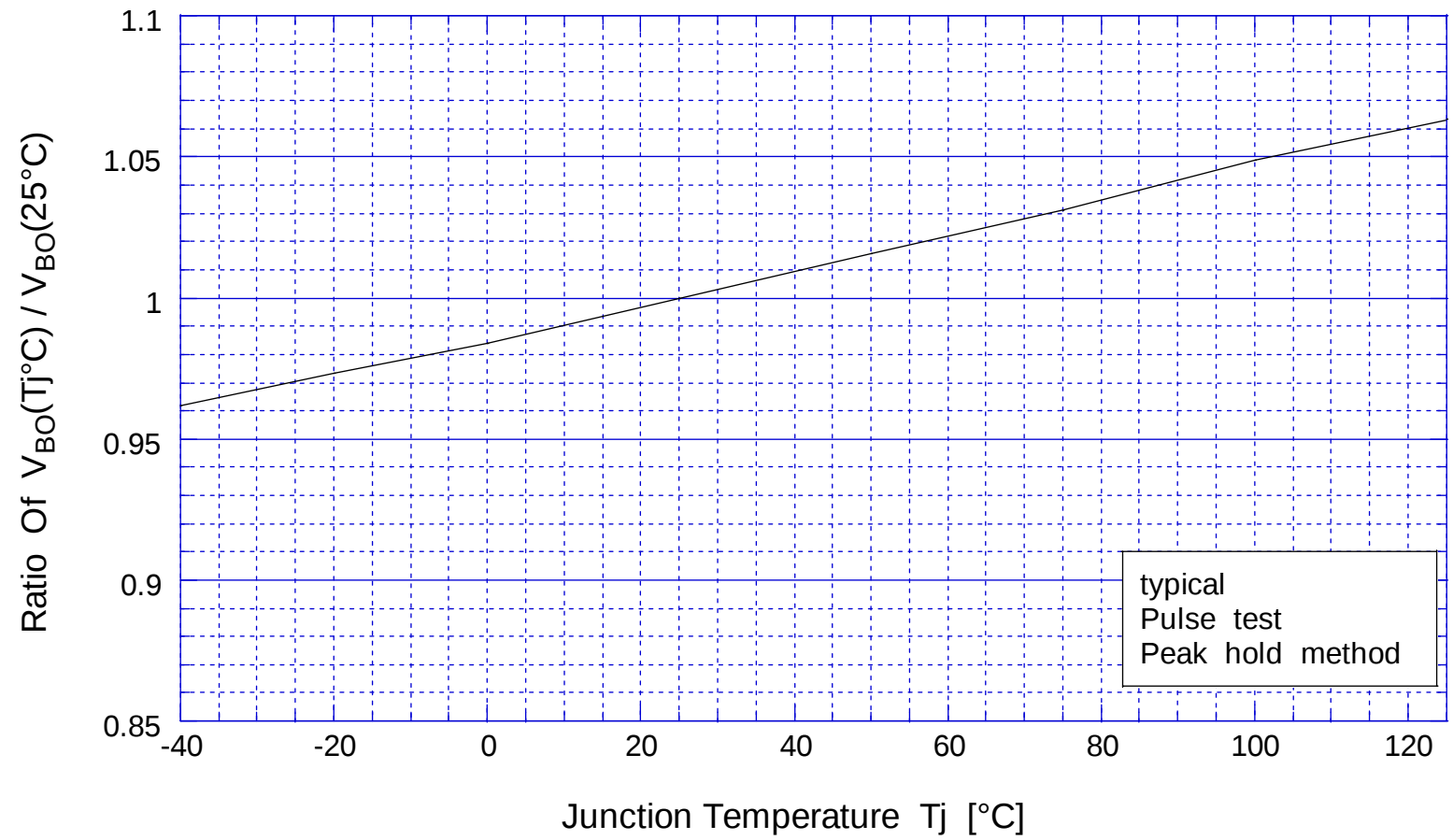
●Electrical Characteristics (TI=25°C unless otherwise specified)

Item	Symbol	Conditions	Ratings	Unit
Breakover Voltage	V _{BO}	dv/dt = 8V/ms Peak-hold	Min 275	V
Off-State Current	I _{DRM}	V _D = V _{DRM}	Max 5	μ A
Holding Current	I _H	Pulse measurement	Min 150	mA
On-State Voltage	V _T	I _T = 2A	Max 3	V
Junction Capacitance	C _j	f = 1kHz, V _D = 50V	Max 70	pF
Clamping Voltage	V _{CL}	dv/dt = 100V/μ s	Max 400	V

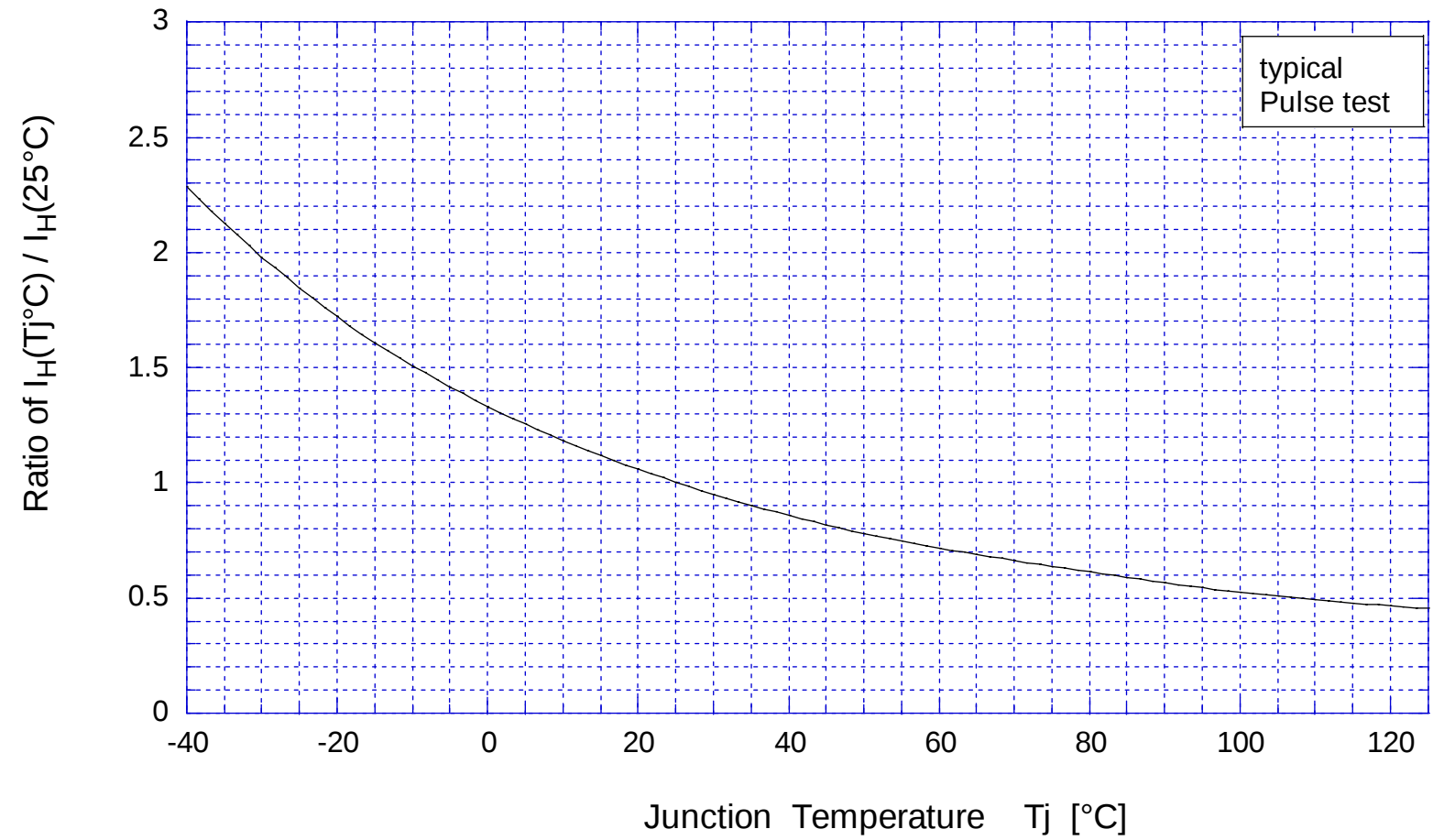
KU5R29N On-State Voltage - On-State Current



KU5R29N Breakover Voltage - Junction Temperature

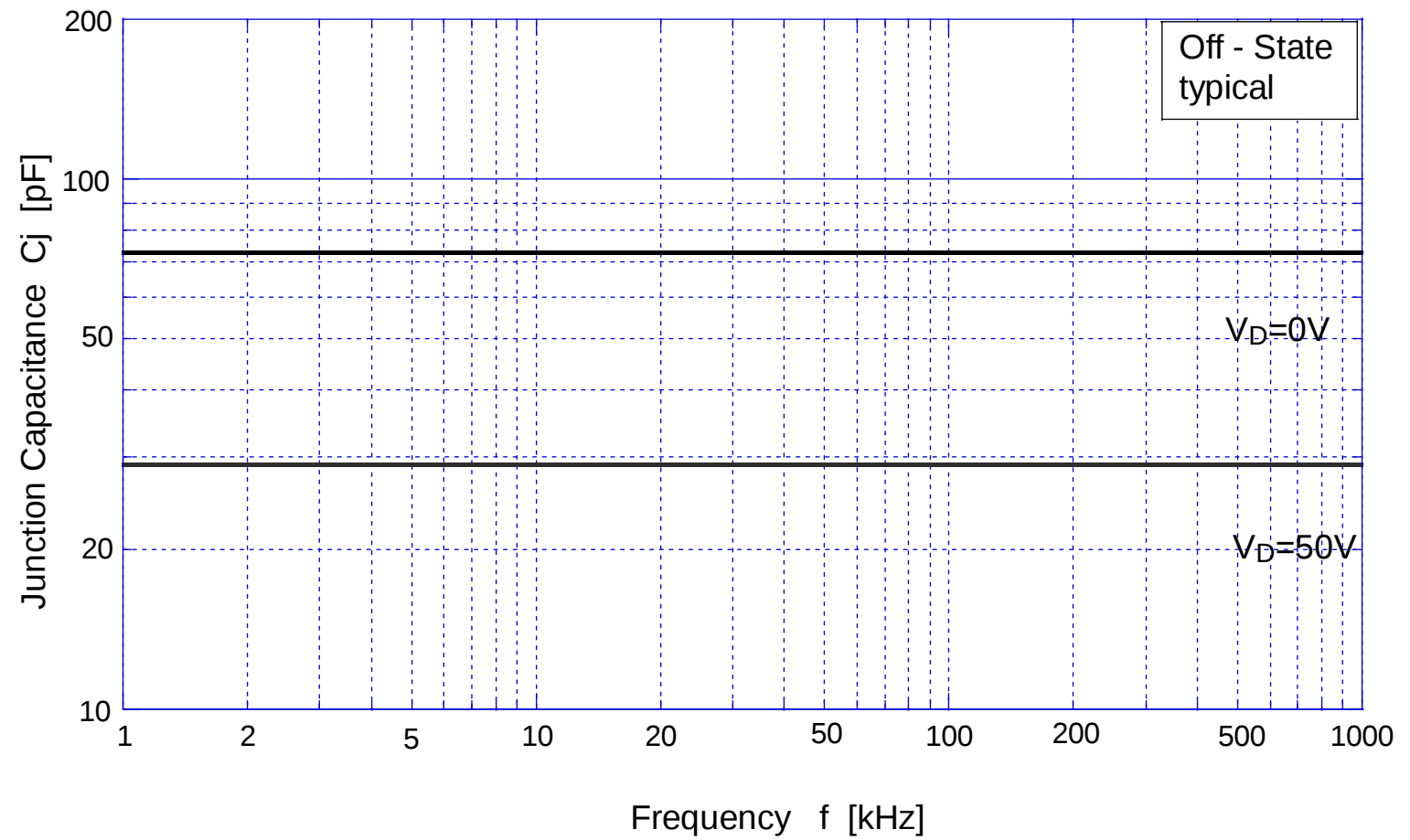


KU5R29N Holding Current - Junction Temperature



KU5R29N

Junction Capacitance



KU5R29N Junction Capacitance

