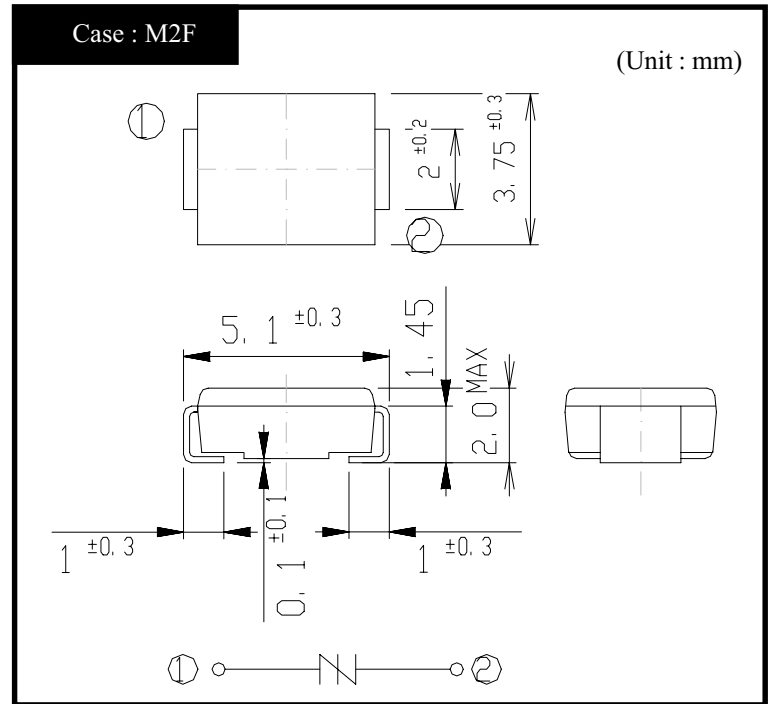


KU10N16

OUTLINE DIMENSIONS



RATINGS

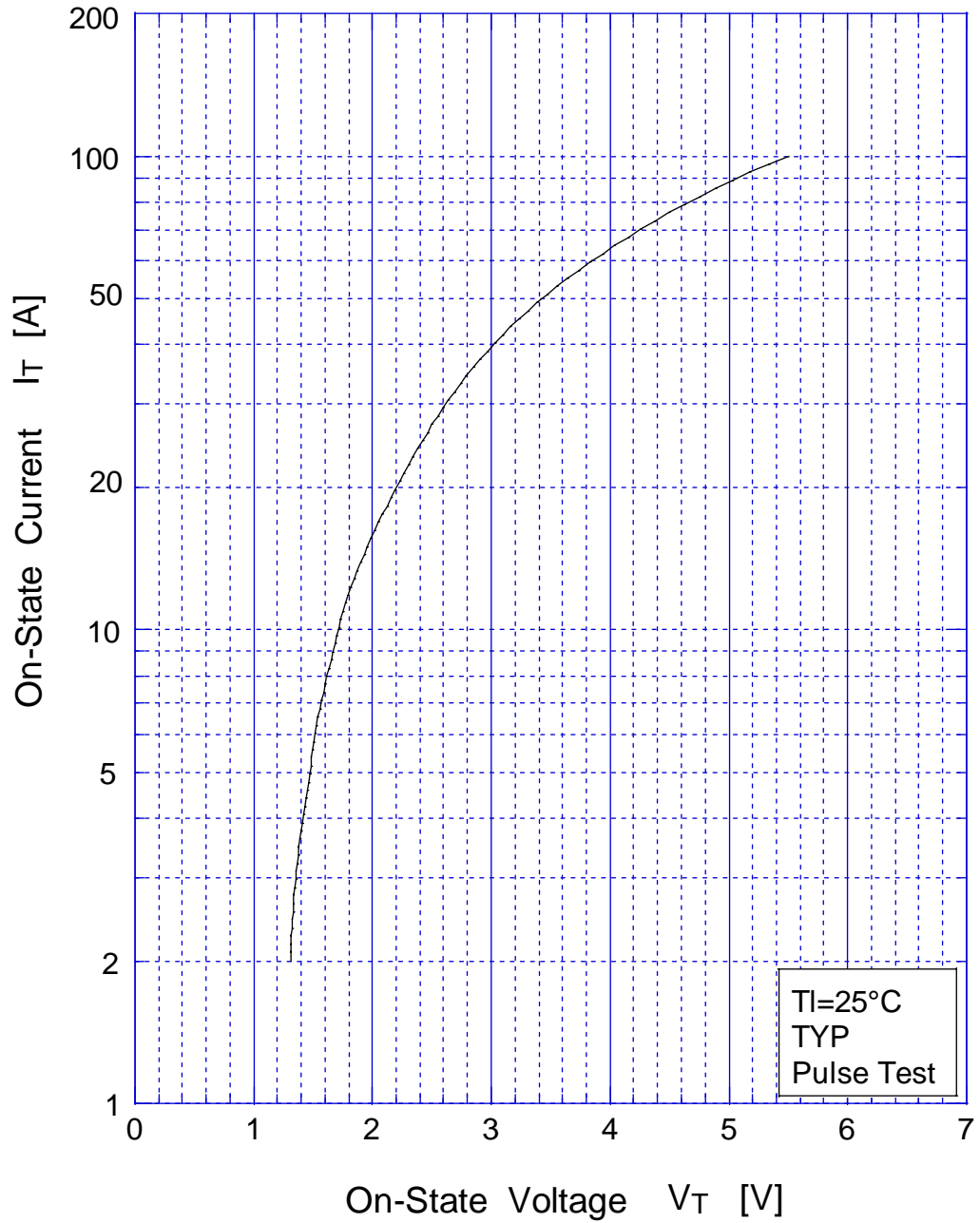
● Absolute Maximum Ratings (Tc=25°C)

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	Tstg		-40~125	°C
Junction Temperature	Tj		125	°C
Maximum Off-State Voltage	V _{DRM}		140	V
Surge On-State Current	I _{TSM}	10/1000 μ s, Non-repetitive	100	A

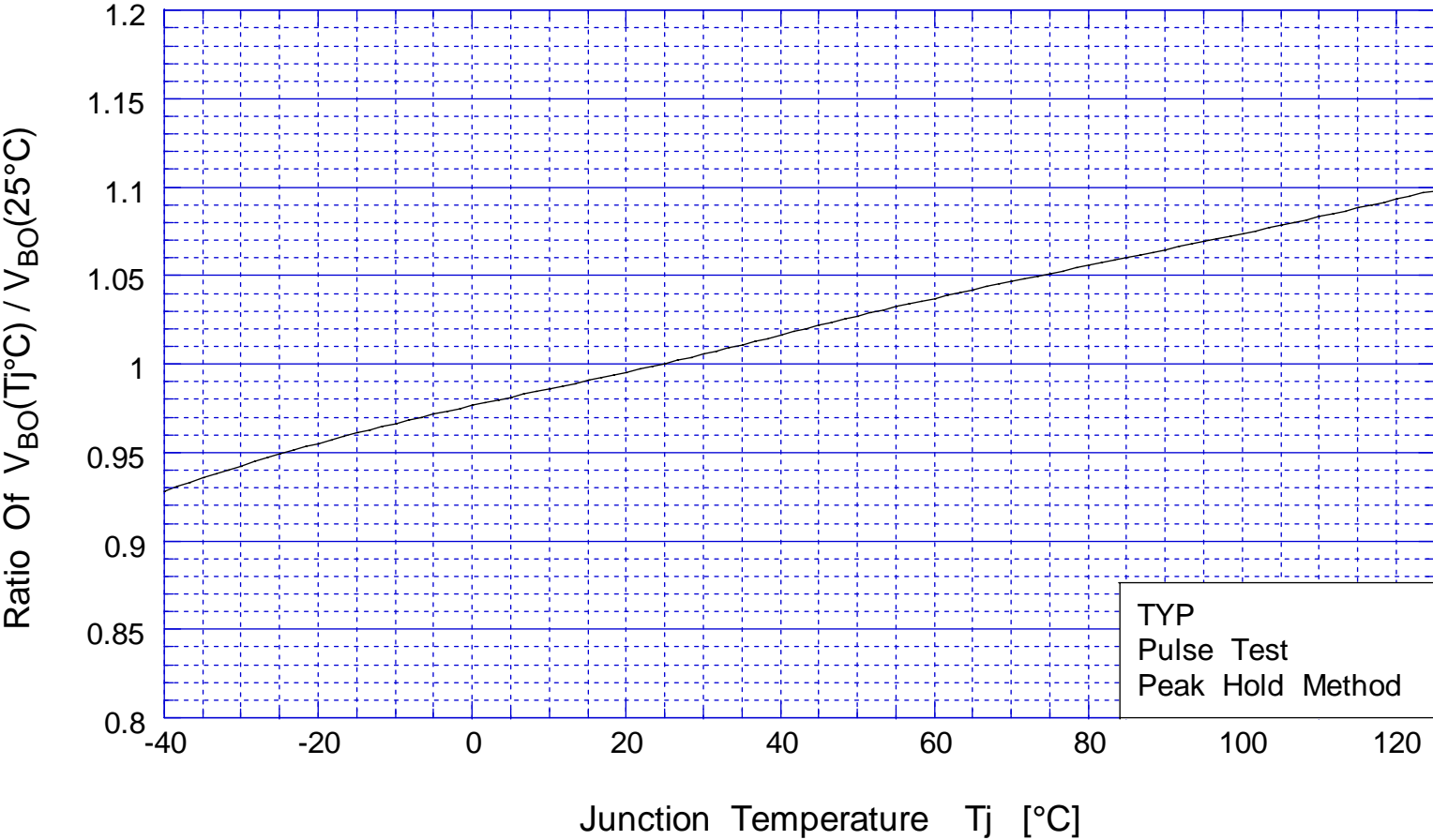
● Electrical Characteristics (Unless otherwise specified, Tc=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakover Voltage	V _{BO}	dv/dt = 8V/ms (Peak hold)	Min 145	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, OSC = 1Vrms, VD = 50VDC	Max 120	pF
Clamping Voltage	V _{CL}	dv/dt = 100V/μ s	Max 200	V

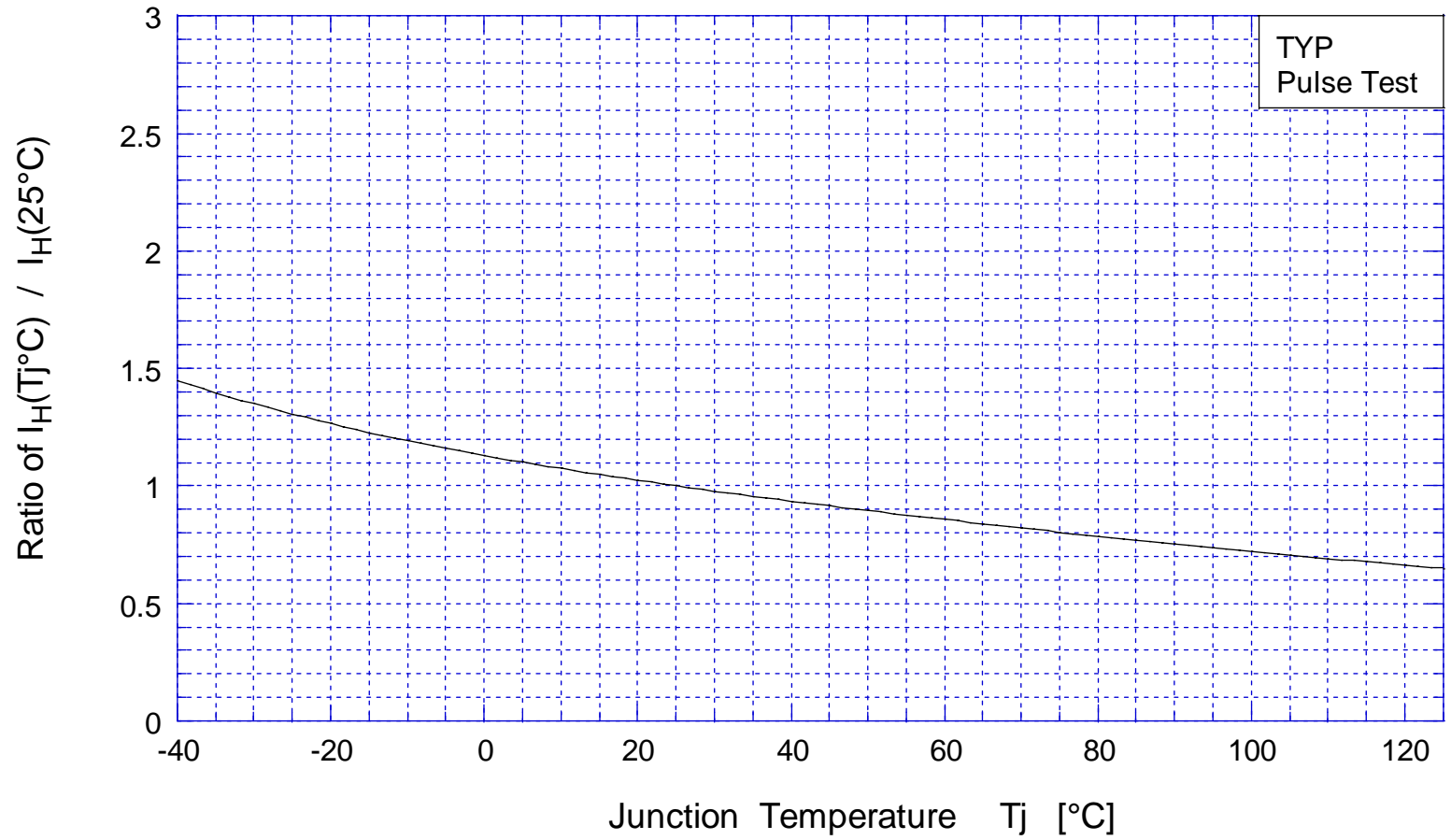
KU10N16 On-State Voltage - On-State Current



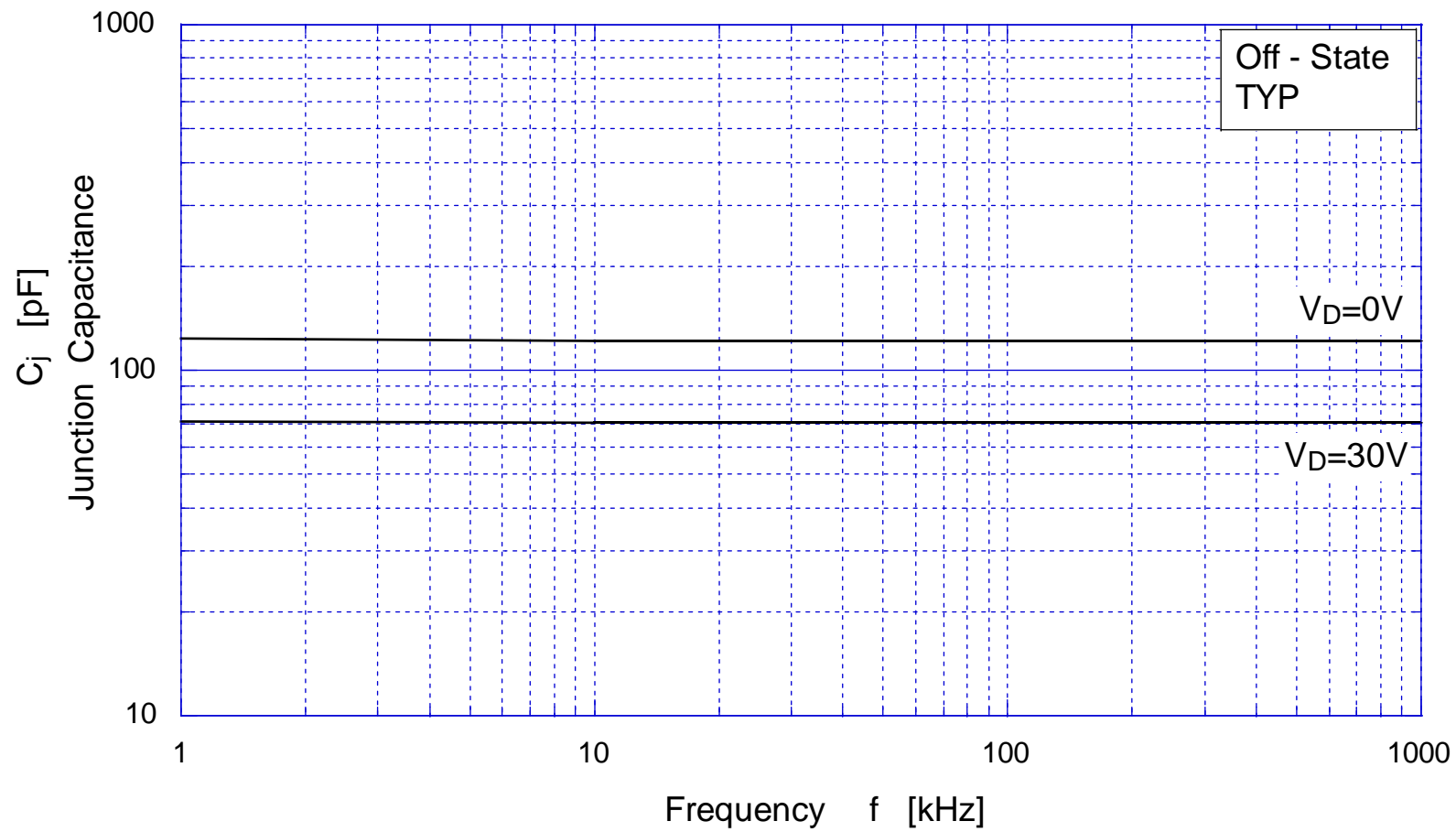
KU10N16 Break Over Voltage - Junction Temperature



KU10N16 Holding Current - Junction Temperature



KU10N16 Junction Capacitance



KU10N16 Junction Capacitance

