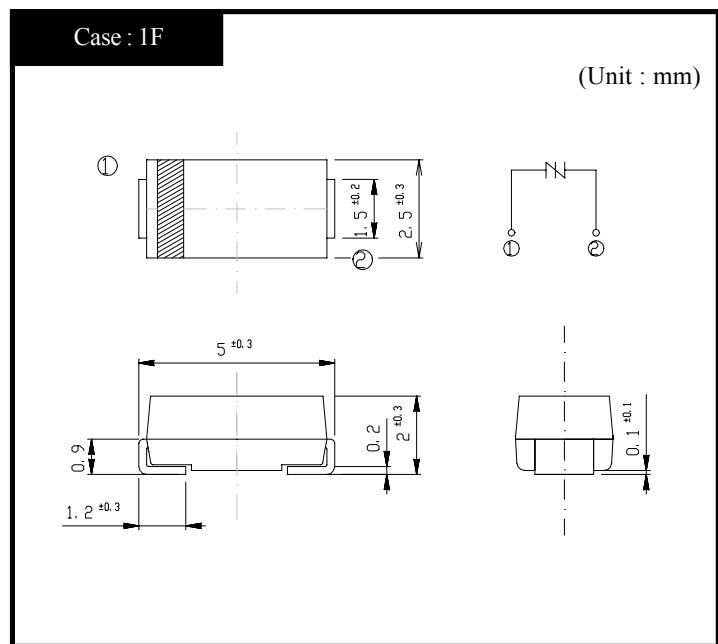


KL3Z07

OUTLINE DIMENSIONS



RATINGS

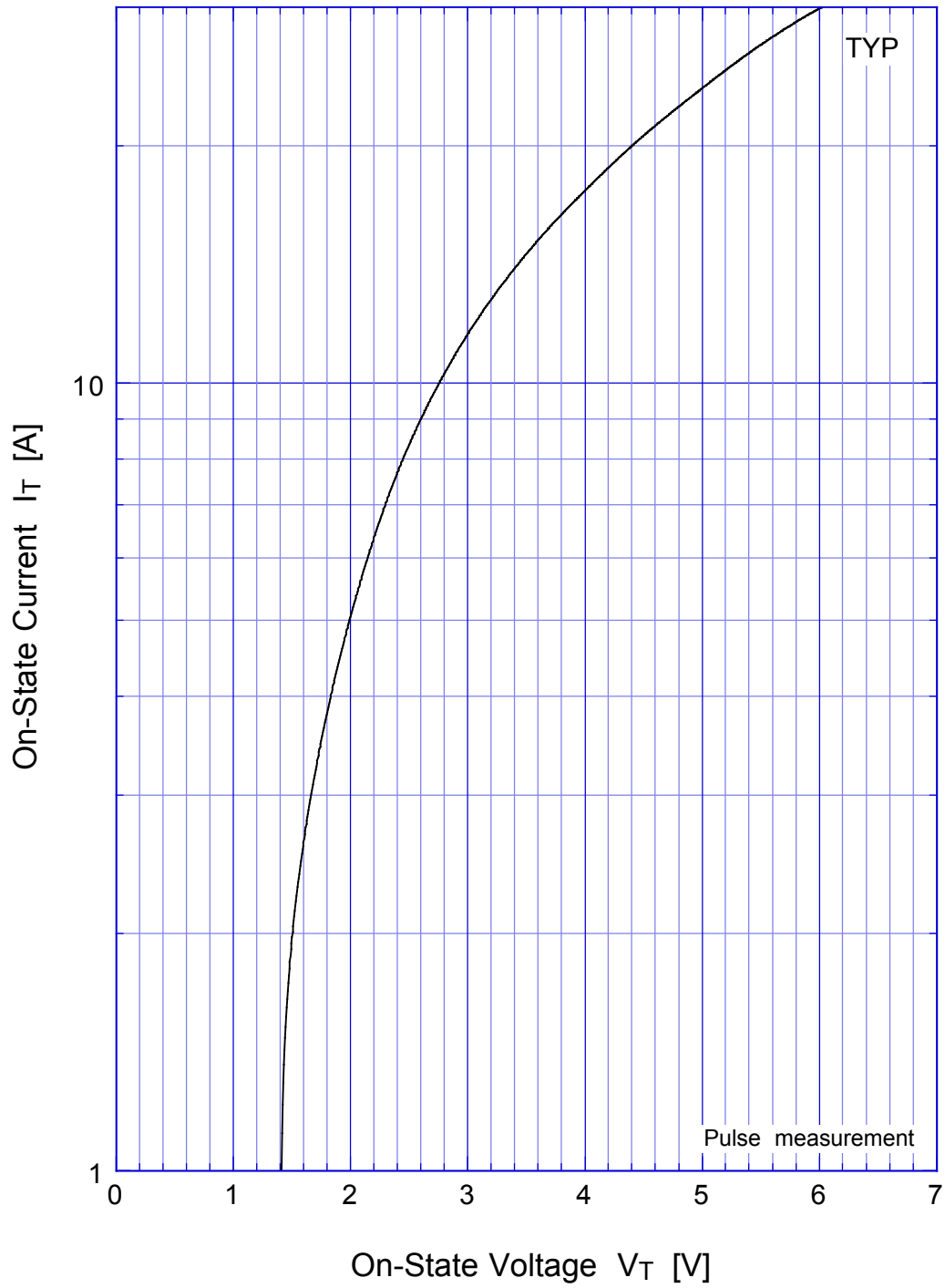
● Absolute Maximum Ratings

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T_{stg}		-40 ~ 125	°C
Junction Temperature	T_j		125	°C
Maximum Off-State Voltage	V_{DRM}		5	V
Surge On-State Current	I_{TSM}	10/1000 μs , Non-repetitive	30	A
		8/20 μs , Non-repetitive	150	

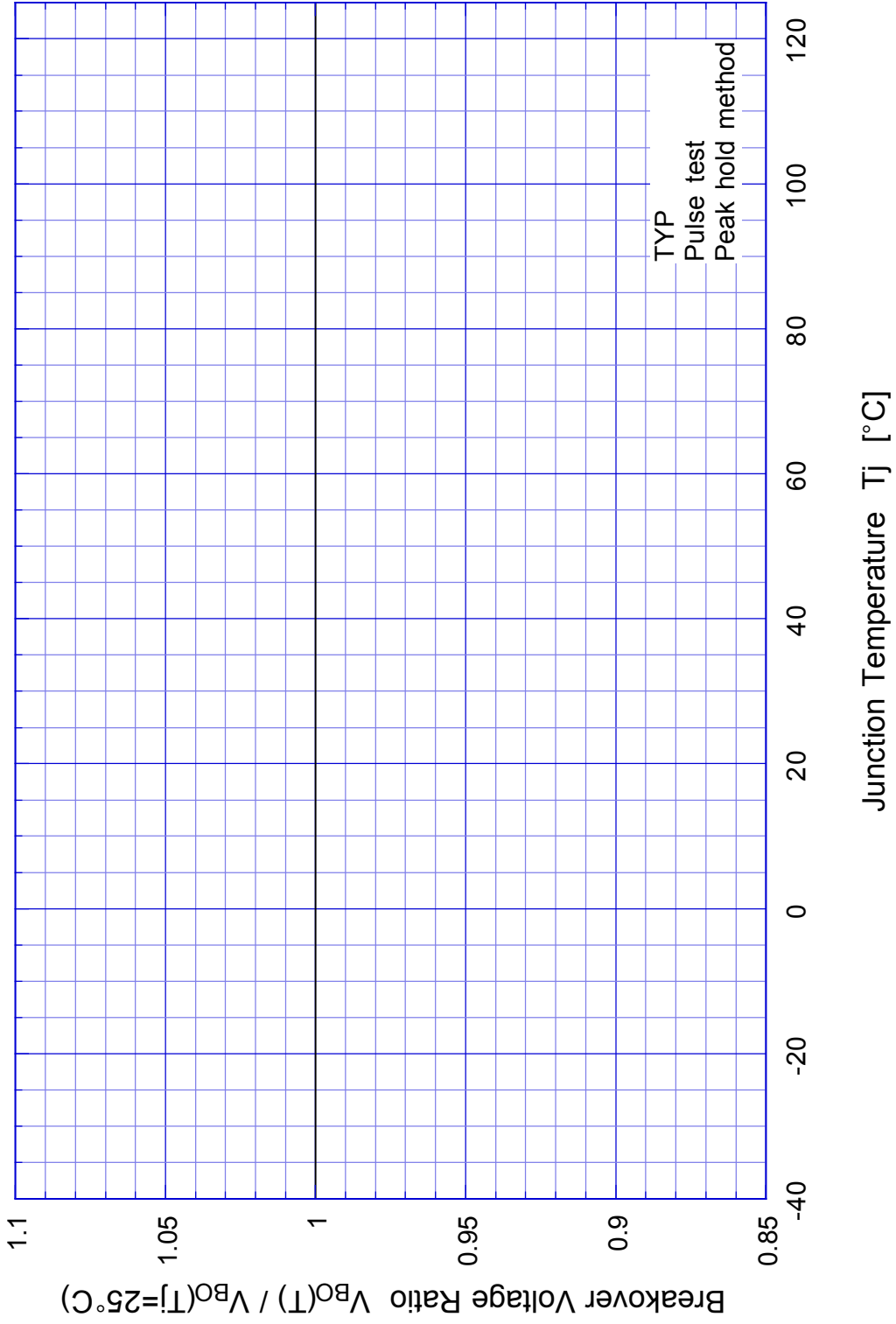
● Electrical Characteristics (TI=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V_{BR}	$I_{BR} = 1mA$	Min 5.5	V
Off-State Current	I_{DRM}	$V_D = V_{DRM}$	Max 10	μA
Holding Current	I_H	Pulse measurement	Min 50	mA
On-State Voltage	V_T	$I_T = 2A$	TYP 1.5	V
Junction Capacitance	C_j	$f = 1kHz$ $OSC = 20mV, V_D = 0V$	Max 100	pF

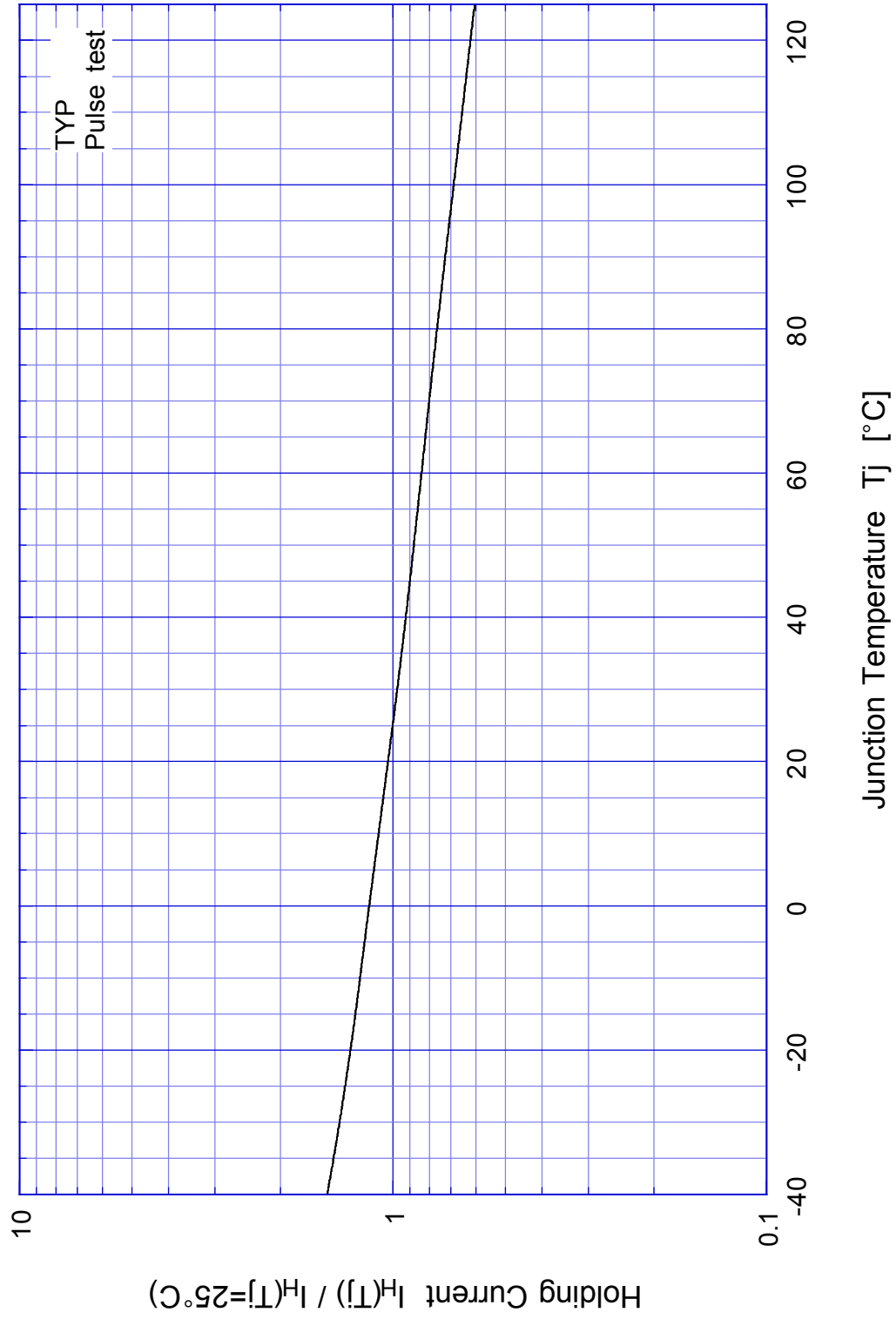
KL3Z07 On-State Voltage - On-State Current



KL3Z07 Breakover Voltage - Junction Temperature

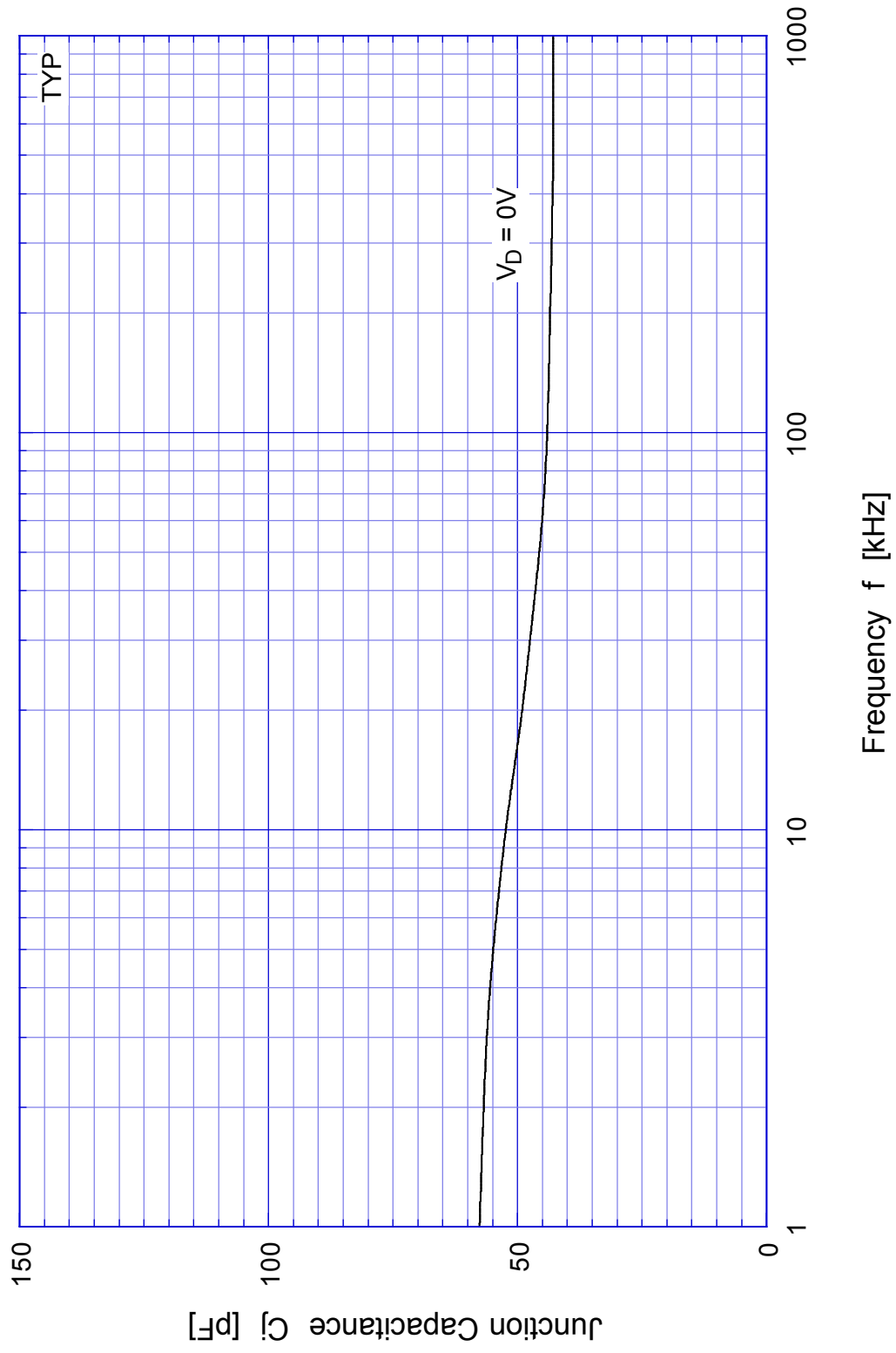


KL3Z07 Holding Current - Junction Temperature



KL3Z07

Junction Capacitance



KL3Z07

Junction Capacitance

