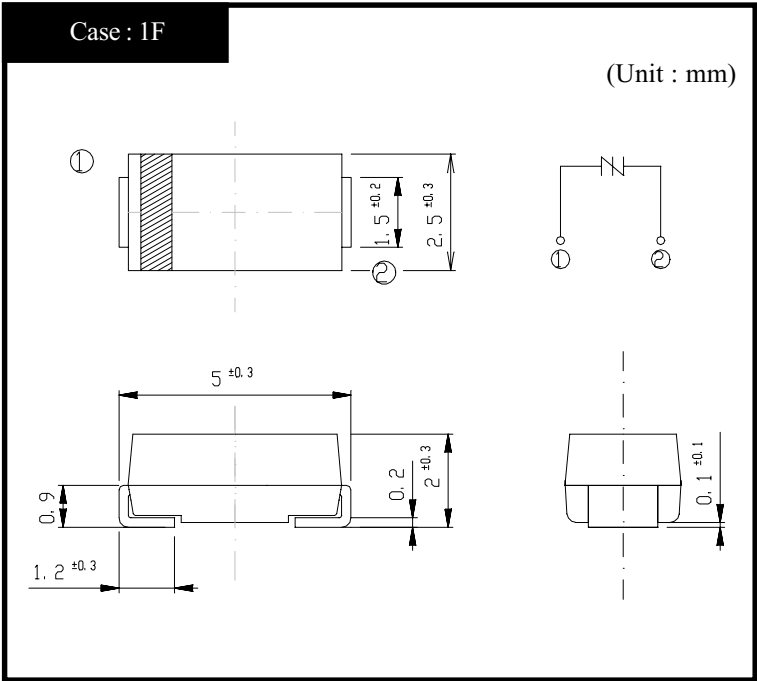


KL3Z07

OUTLINE DIMENSIONS



RATINGS

●Absolute Maximum Ratings

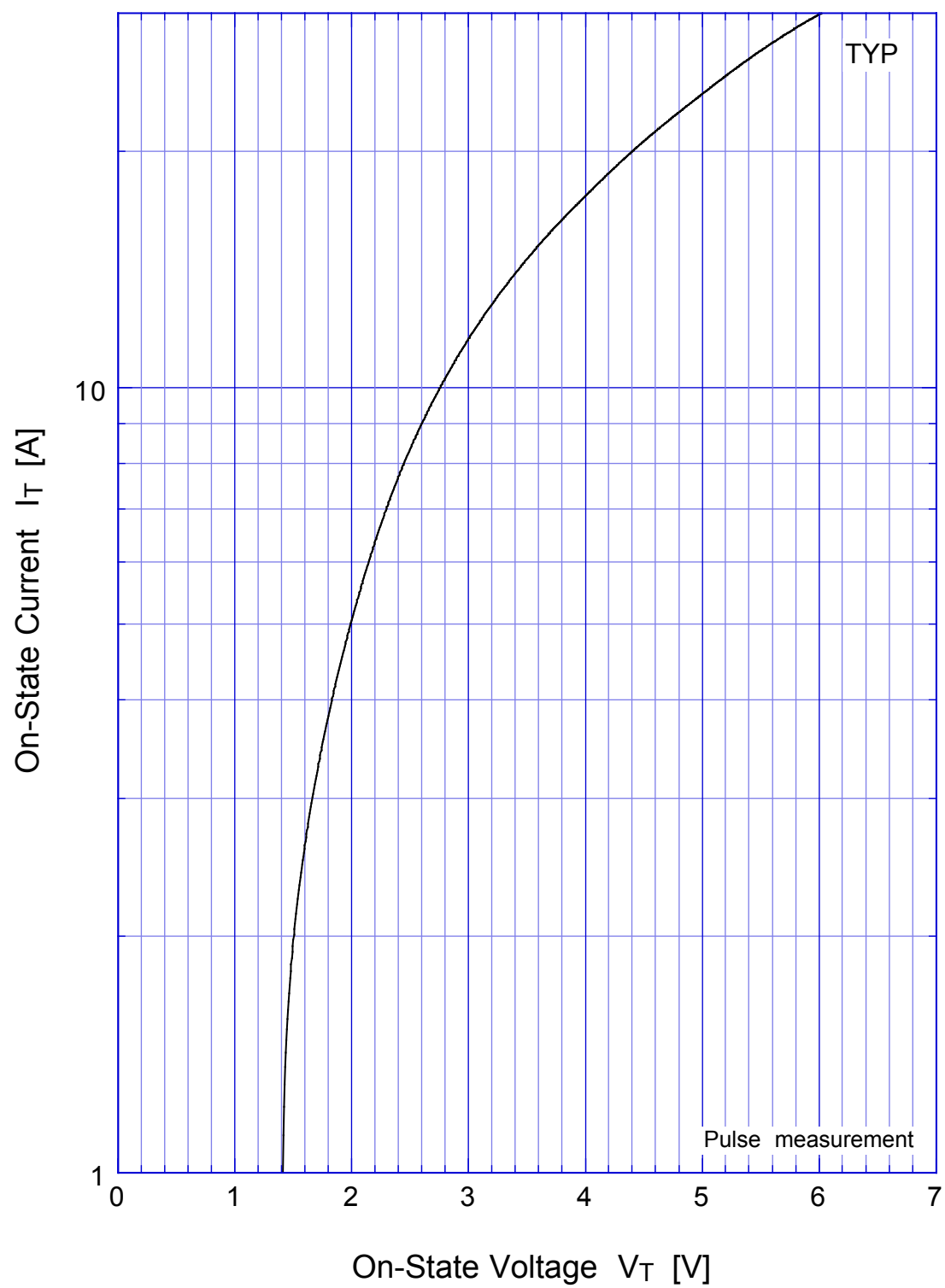
Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-40~125	°C
Junction Temperature	T _j		125	°C
Maximum Off-State Voltage	V _{DRM}		5	V
Surge On-State Current	I _{TSM}	10/1000 μ s, Non-repetitive	30	A
		8/20 μ s, Non-repetitive	150	

●Electrical Characteristics (Tl=25°C)

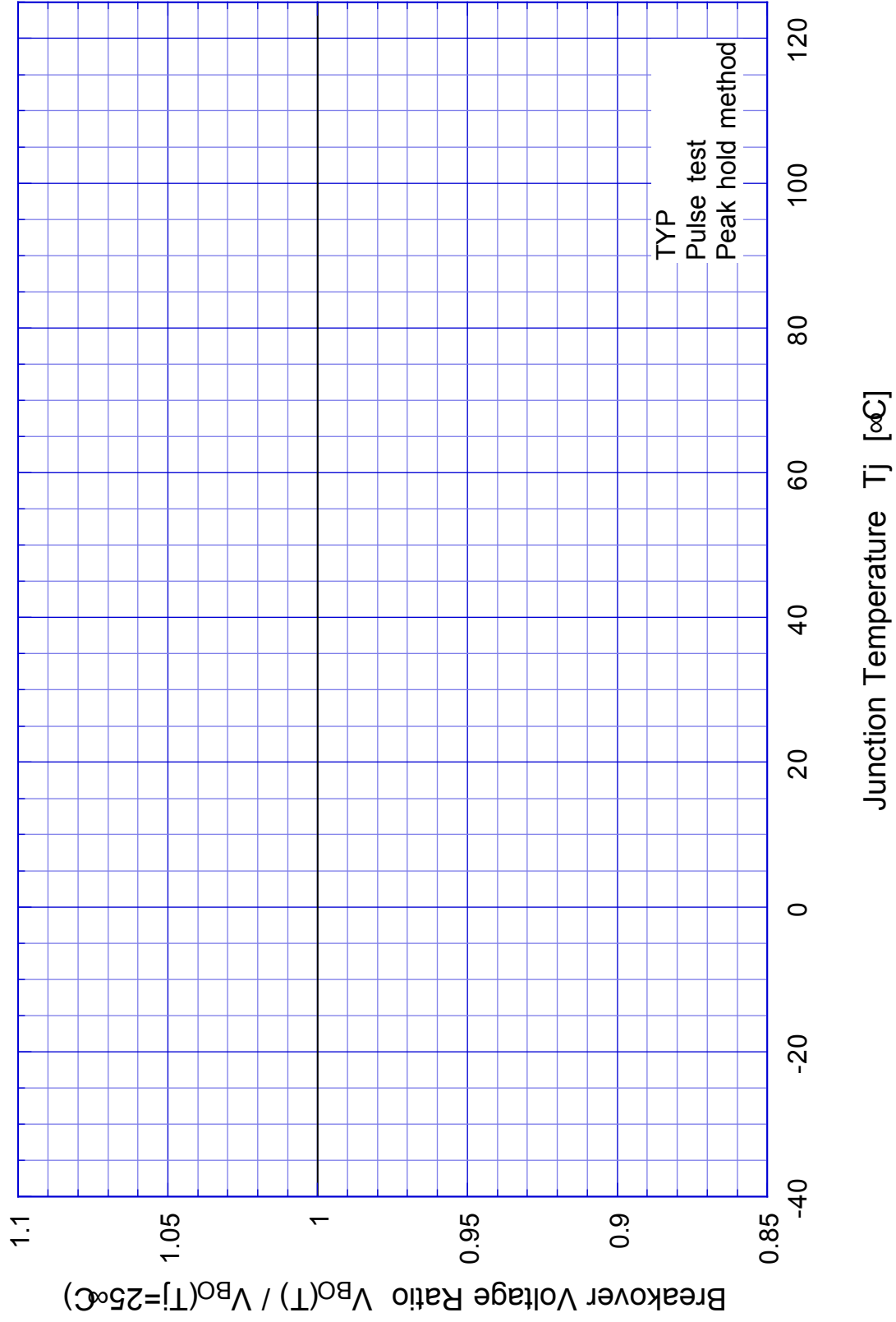
Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V _{BR}	I _{BR} = 1mA	Min 5.5	V
Off-State Current	I _{DRM}	V _D = V _{DRM}	Max 10	μ A
Holding Current	I _H	Pulse measurement	Min 50	mA
On-State Voltage	V _T	I _T = 2A	TYP 1.5	V
Junction Capacitance	C _j	f = 1kHz OSC = 20mV, V _D = 0V	Max 100	pF

KL3Z07

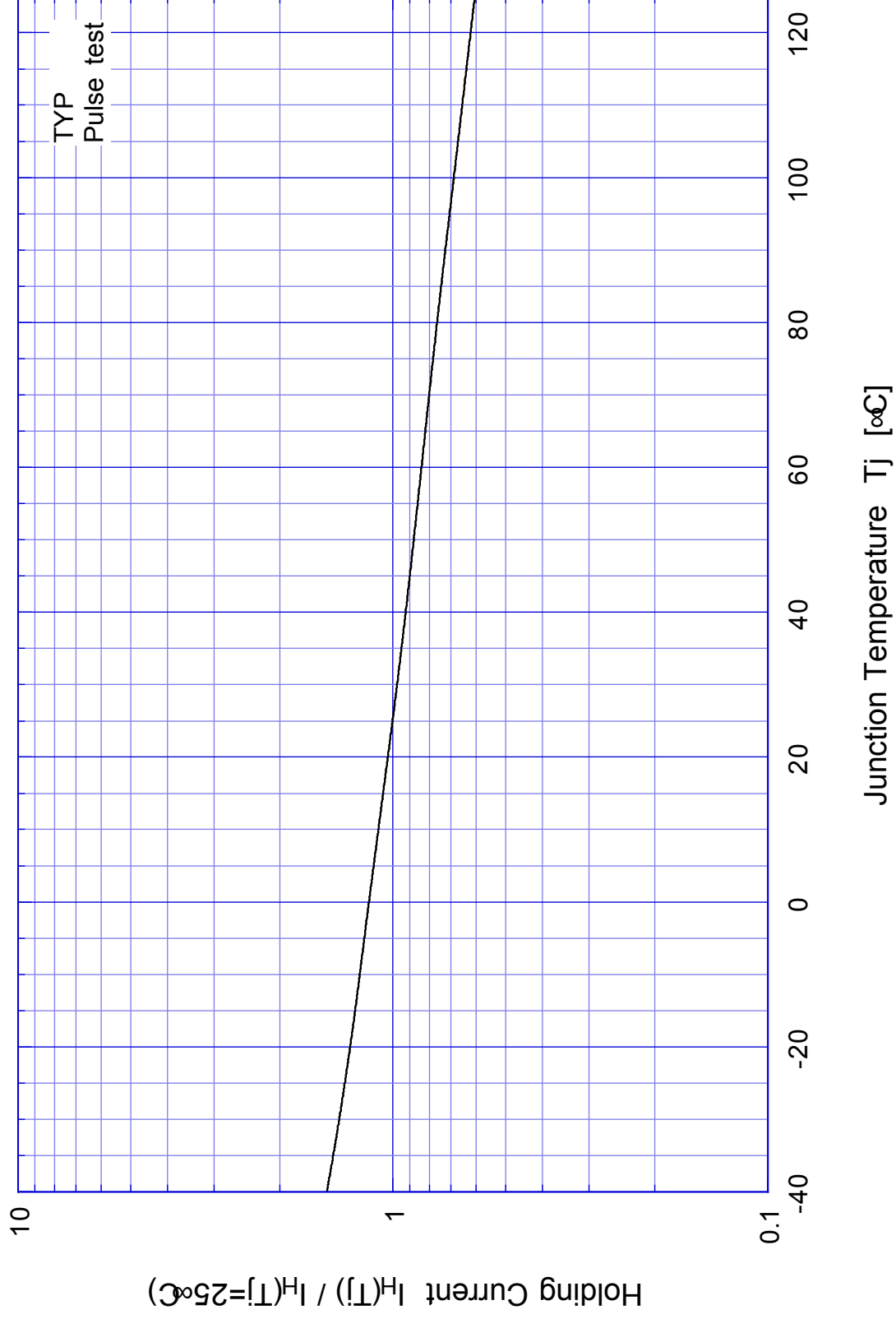
On-State Voltage - On-State Current



KL3Z07 Breakover Voltage - Junction Temperature



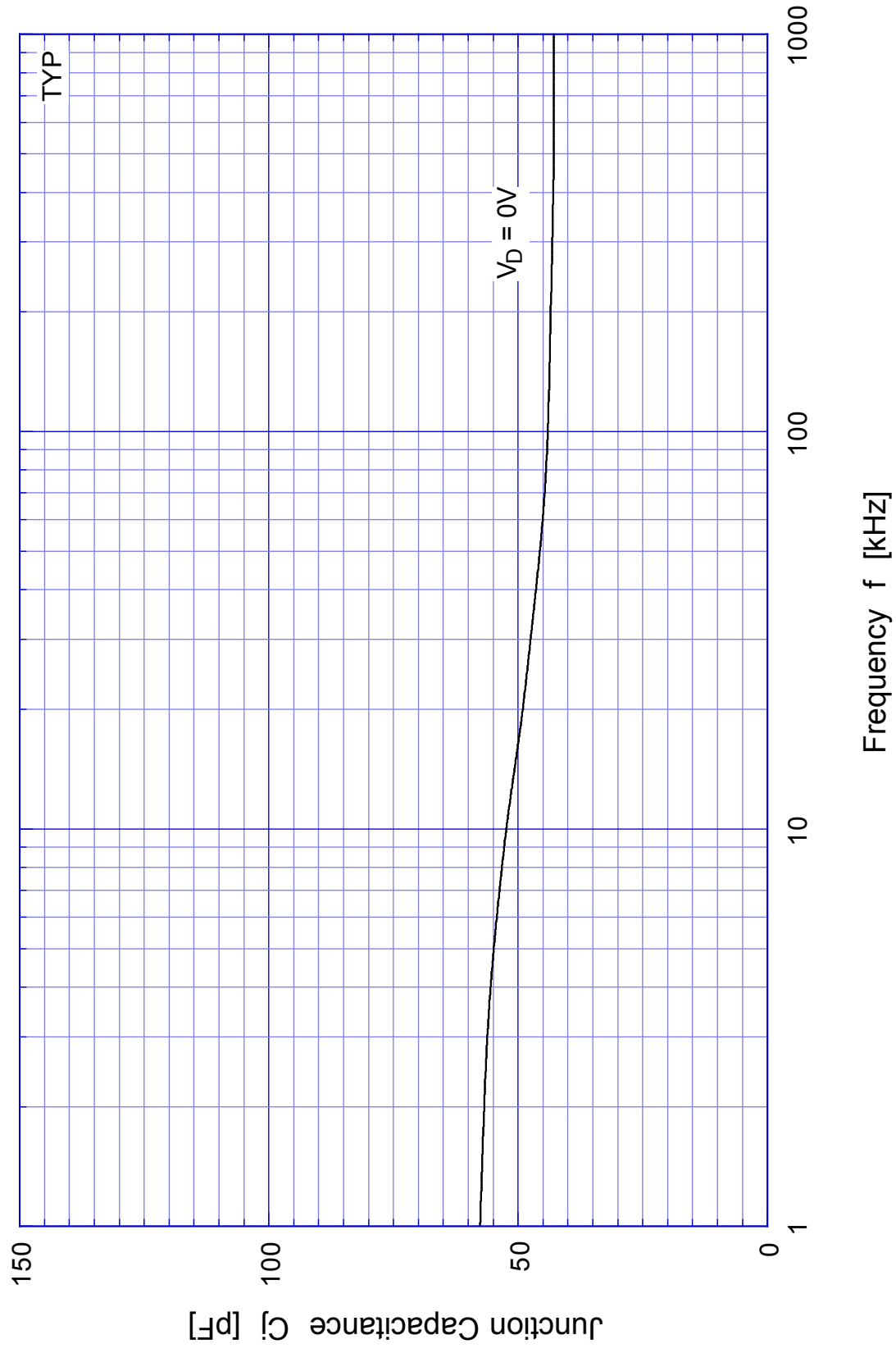
KL3Z07 Holding Current - Junction Temperature



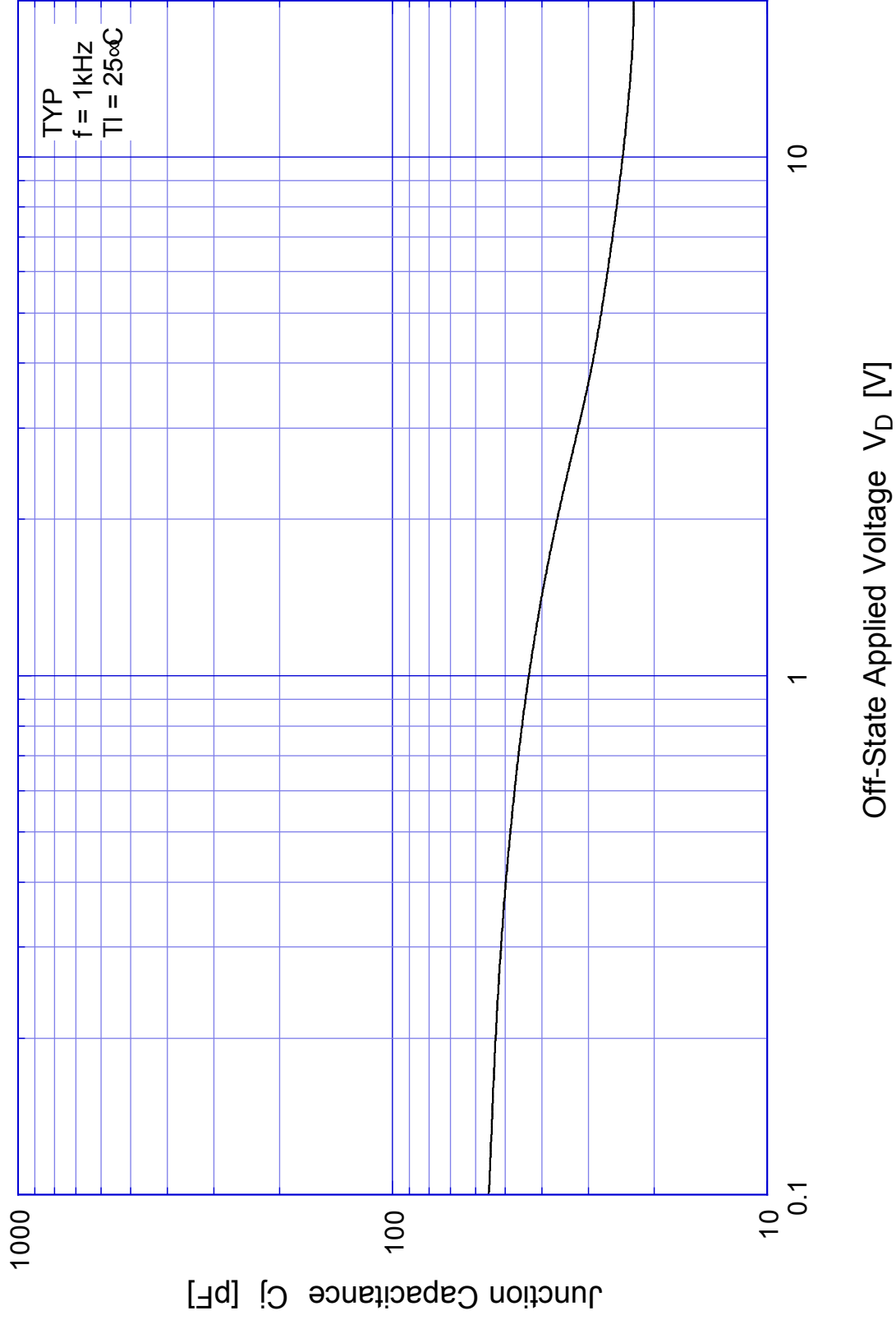
KL3Z07 Junction Capacitance

KL3Z07

Junction Capacitance



KL3Z07 Junction Capacitance



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