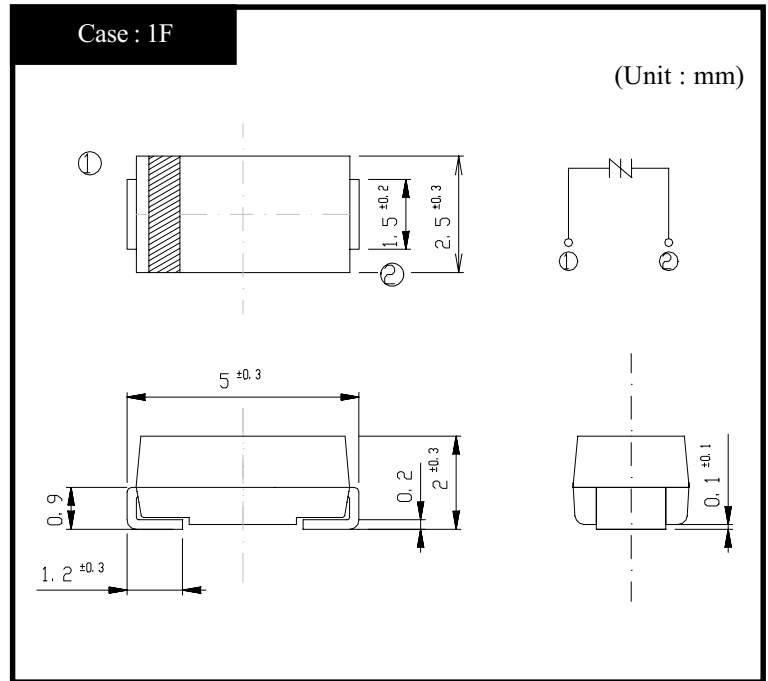


# KL3Z07

## OUTLINE DIMENSIONS



## RATINGS

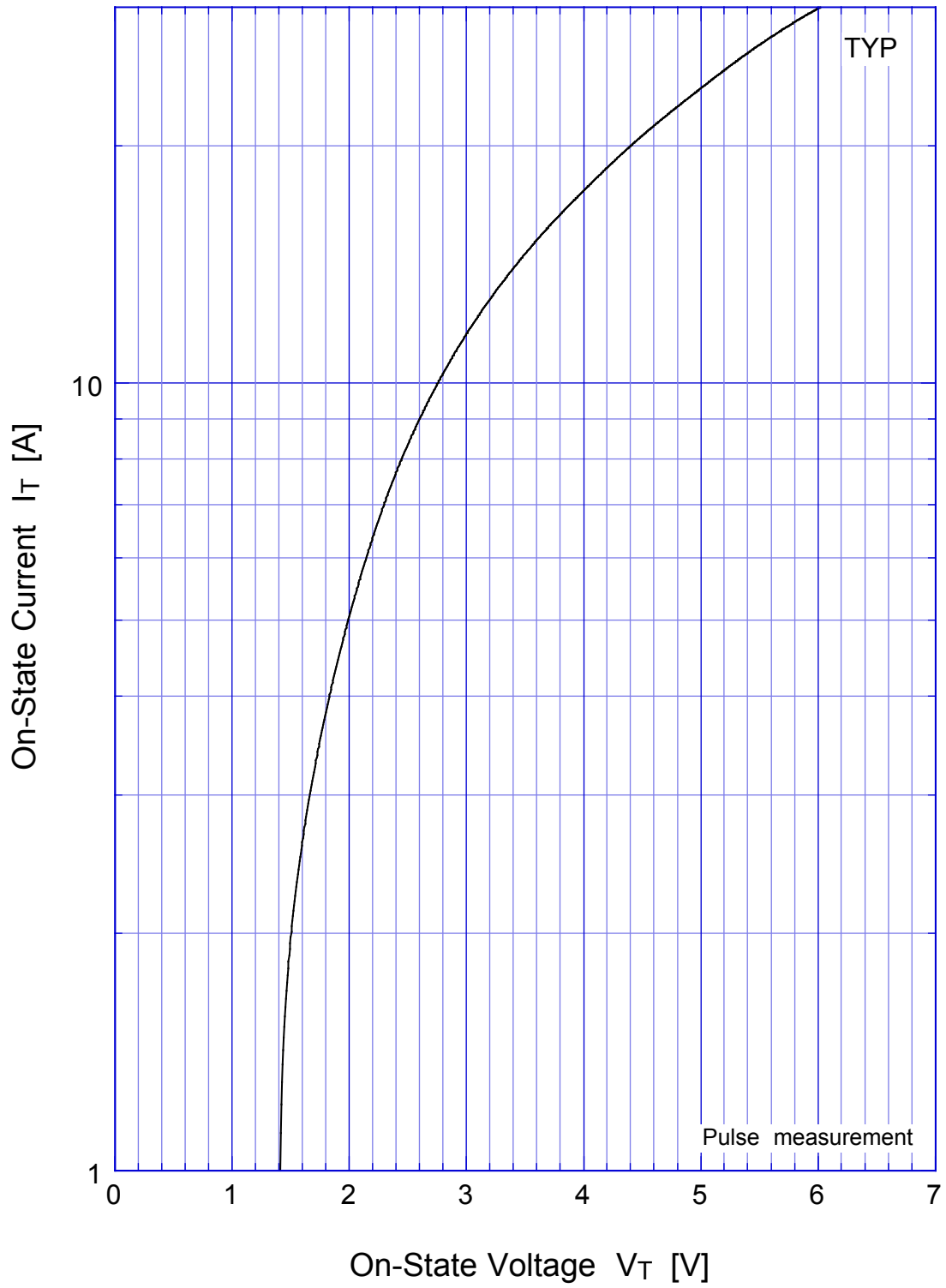
### ● Absolute Maximum Ratings

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T <sub>stg</sub>		-40~125	°C
Junction Temperature	T <sub>j</sub>		125	°C
Maximum Off-State Voltage	V <sub>DRM</sub>		5	V
Surge On-State Current	I <sub>TSM</sub>	10/1000 μs, Non-repetitive	30	A
		8/20 μs, Non-repetitive	150	

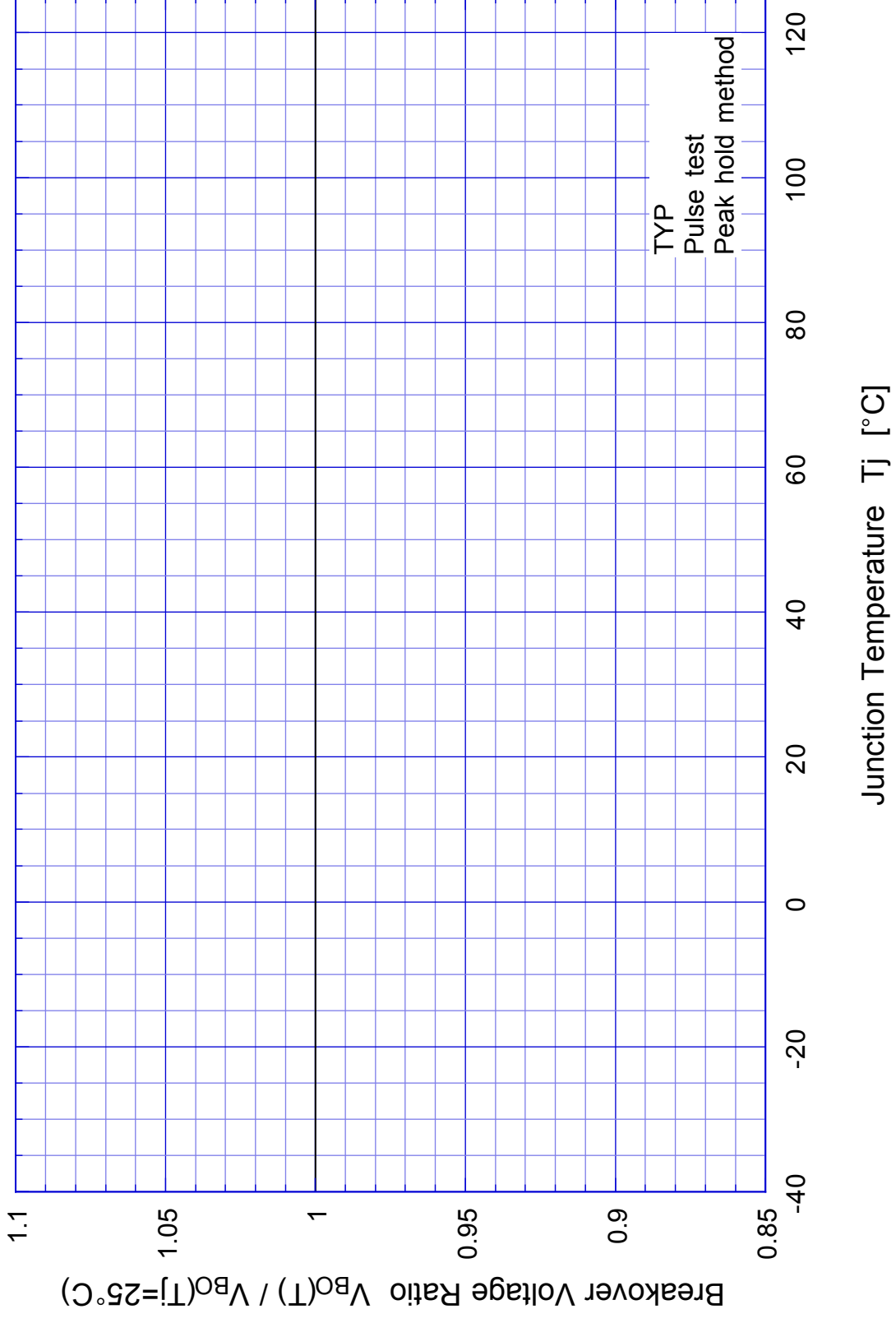
### ● Electrical Characteristics (Tl=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V <sub>BR</sub>	I <sub>BR</sub> = 1mA	Min 5.5	V
Off-State Current	I <sub>DRM</sub>	V <sub>D</sub> = V <sub>DRM</sub>	Max 10	μA
Holding Current	I <sub>H</sub>	Pulse measurement	Min 50	mA
On-State Voltage	V <sub>T</sub>	I <sub>T</sub> = 2A	TYP 1.5	V
Junction Capacitance	C <sub>j</sub>	f = 1kHz OSC = 20mV, V <sub>D</sub> = 0V	Max 100	pF

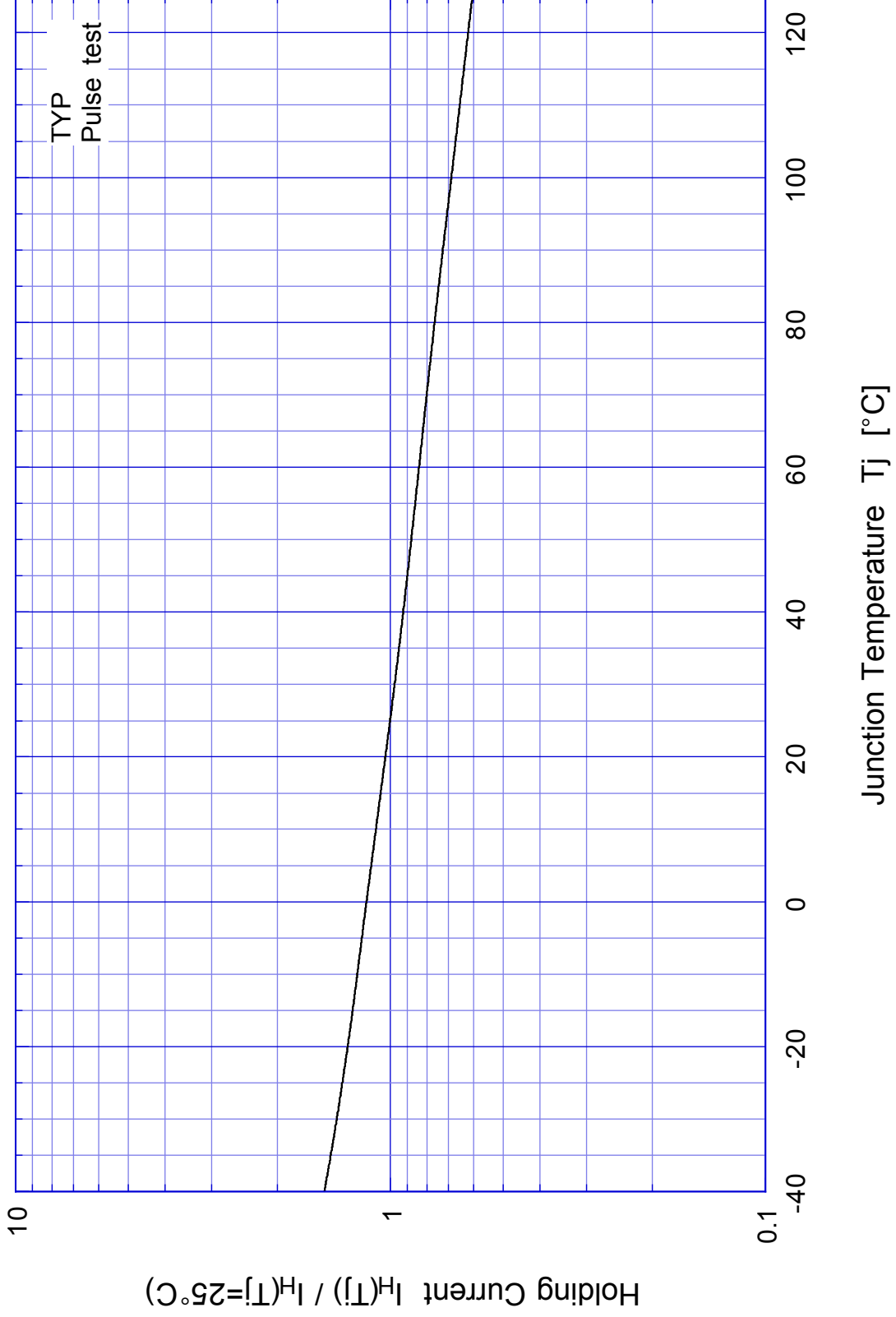
KL3Z07 On-State Voltage - On-State Current



# KL3Z07 Breakover Voltage - Junction Temperature

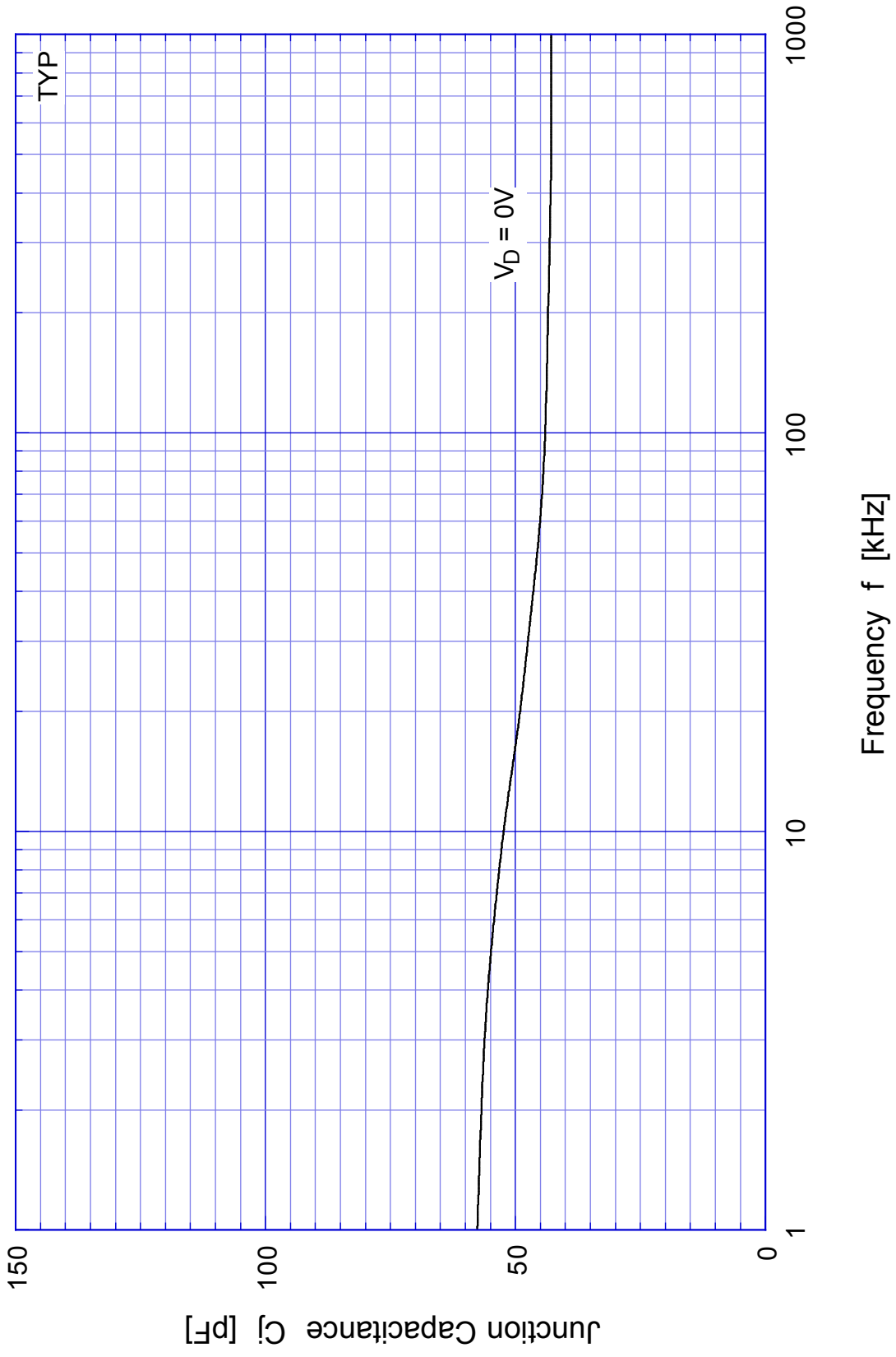


# KL3Z07 Holding Current - Junction Temperature



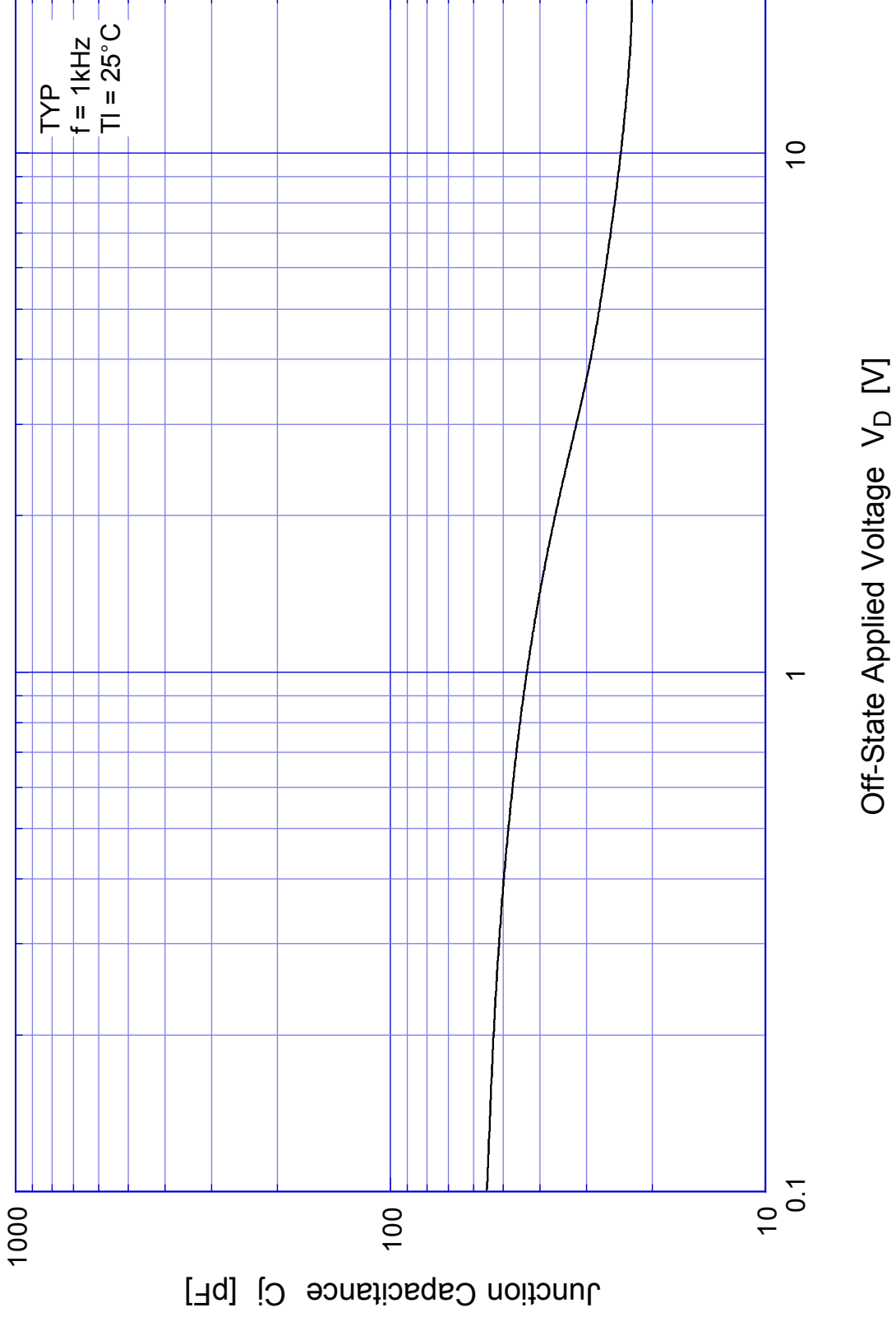
# KL3Z07

## Junction Capacitance



# KL3Z07

## Junction Capacitance



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Shindengen:](#)

[KL3Z07-4103](#) [KL3Z07-4063](#) [KL3Z07-5063](#) [KL3Z07-5073](#) [KL3Z07-4073](#) [KL3Z07-5103](#) [KL3Z07-5053](#)