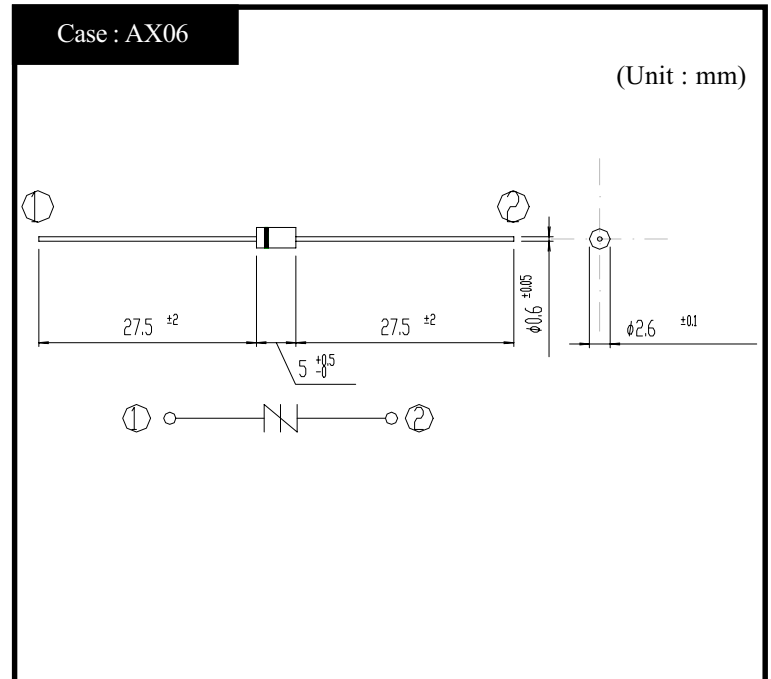


# KA3Z07

### OUTLINE DIMENSIONS



### RATINGS

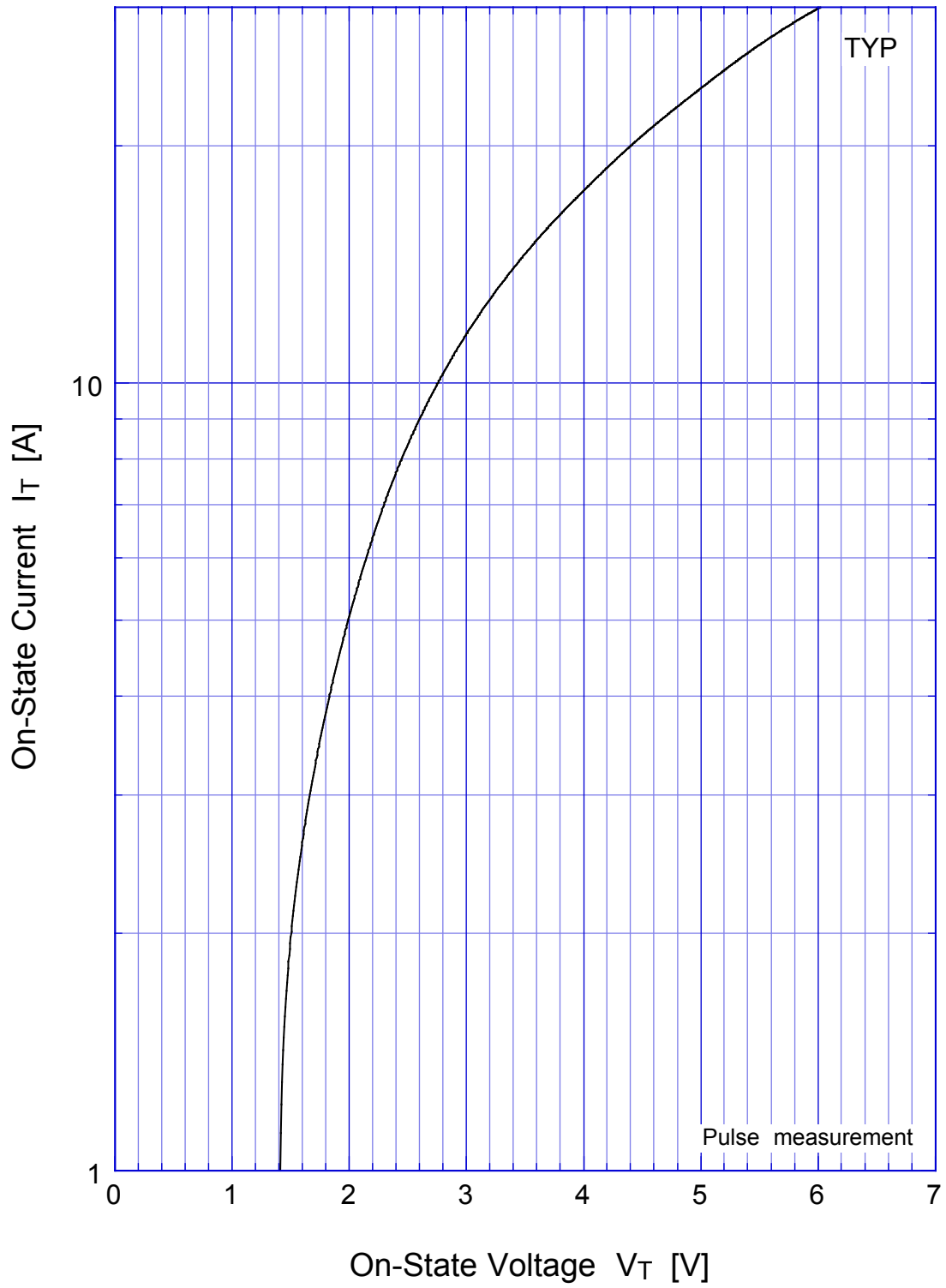
#### ●Absolute Maximum Ratings

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	

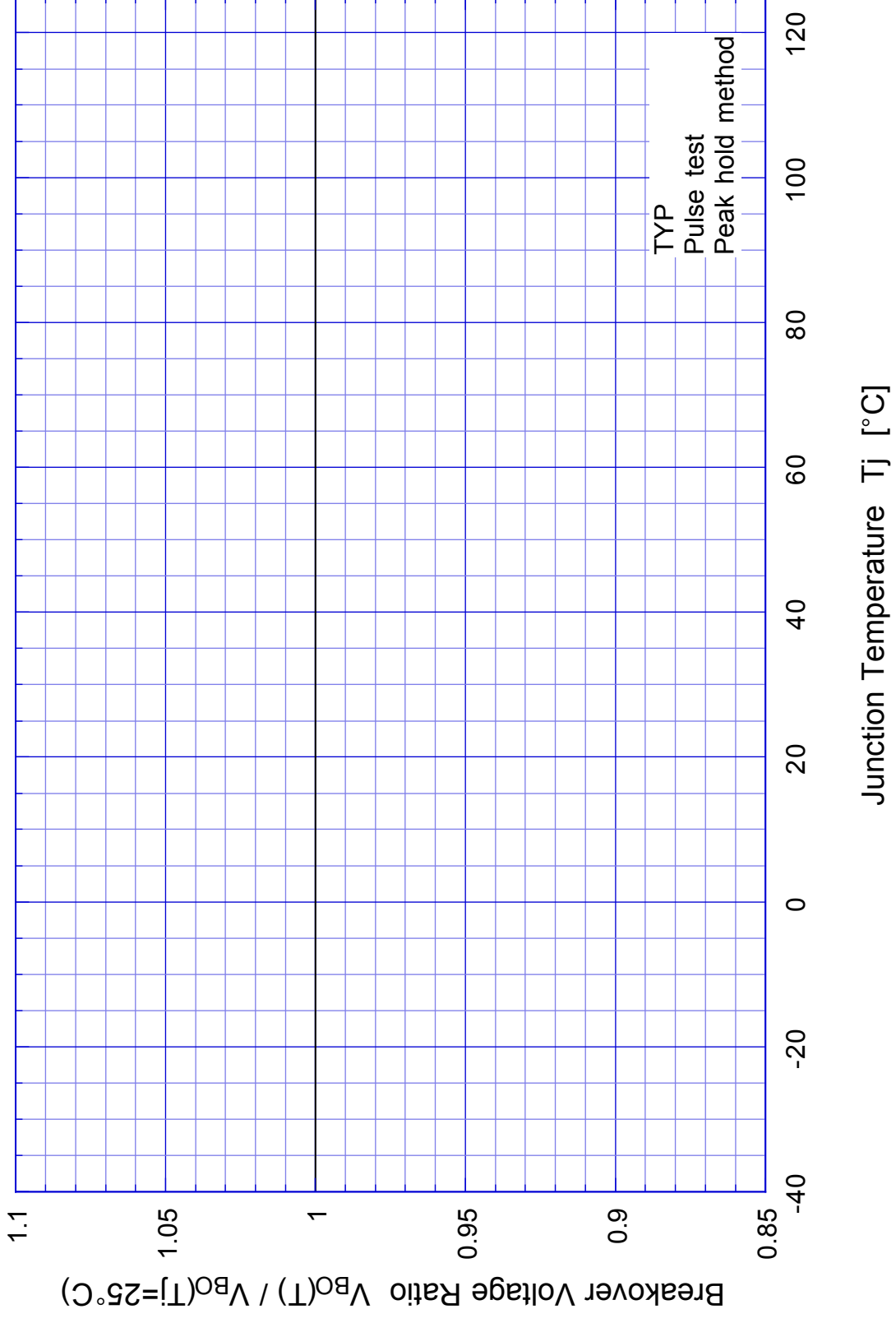
#### ●Electrical Characteristics (Tl=25°C)

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

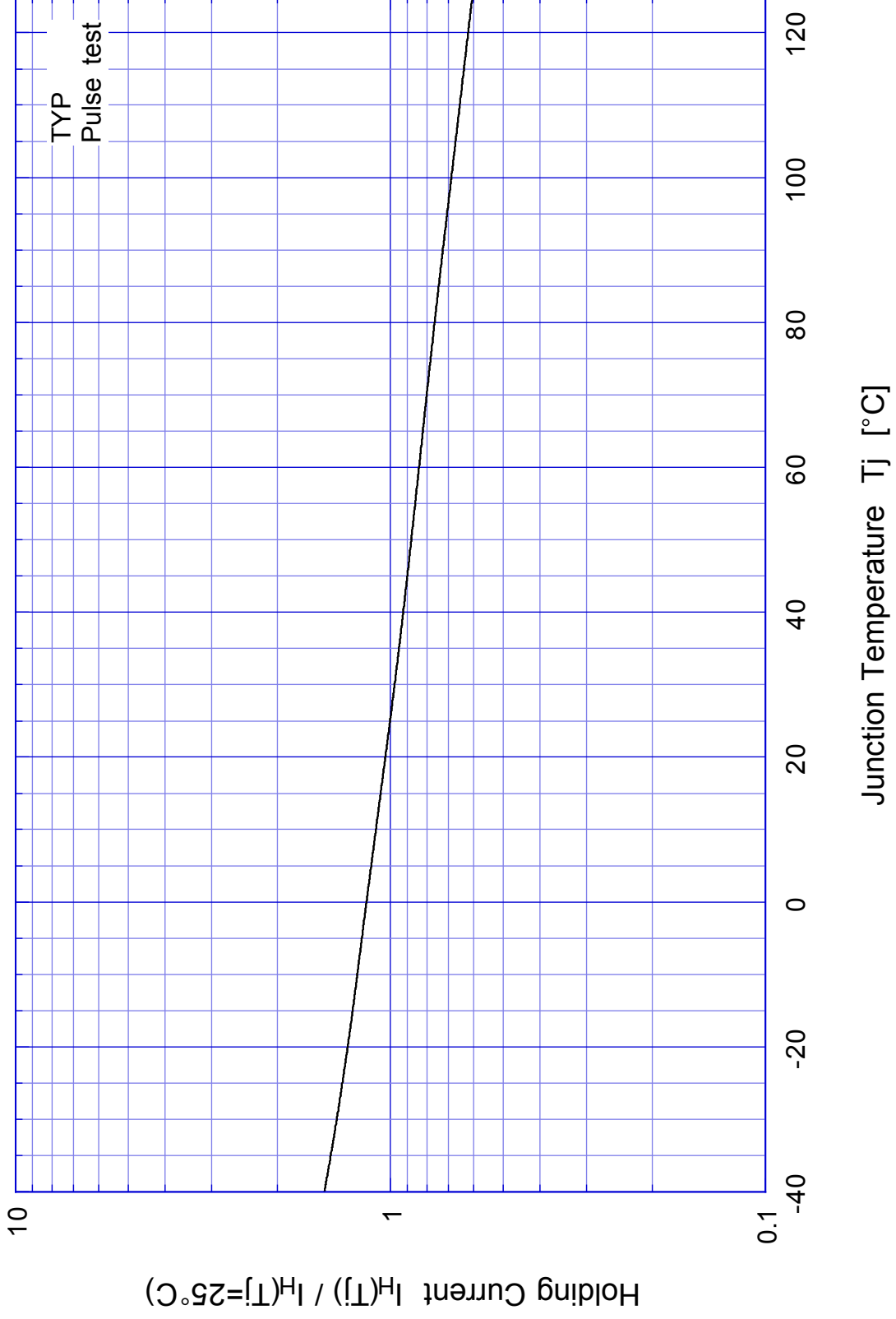
KA3Z07 On-State Voltage - On-State Current



# KA3Z07 Breakover Voltage - Junction Temperature

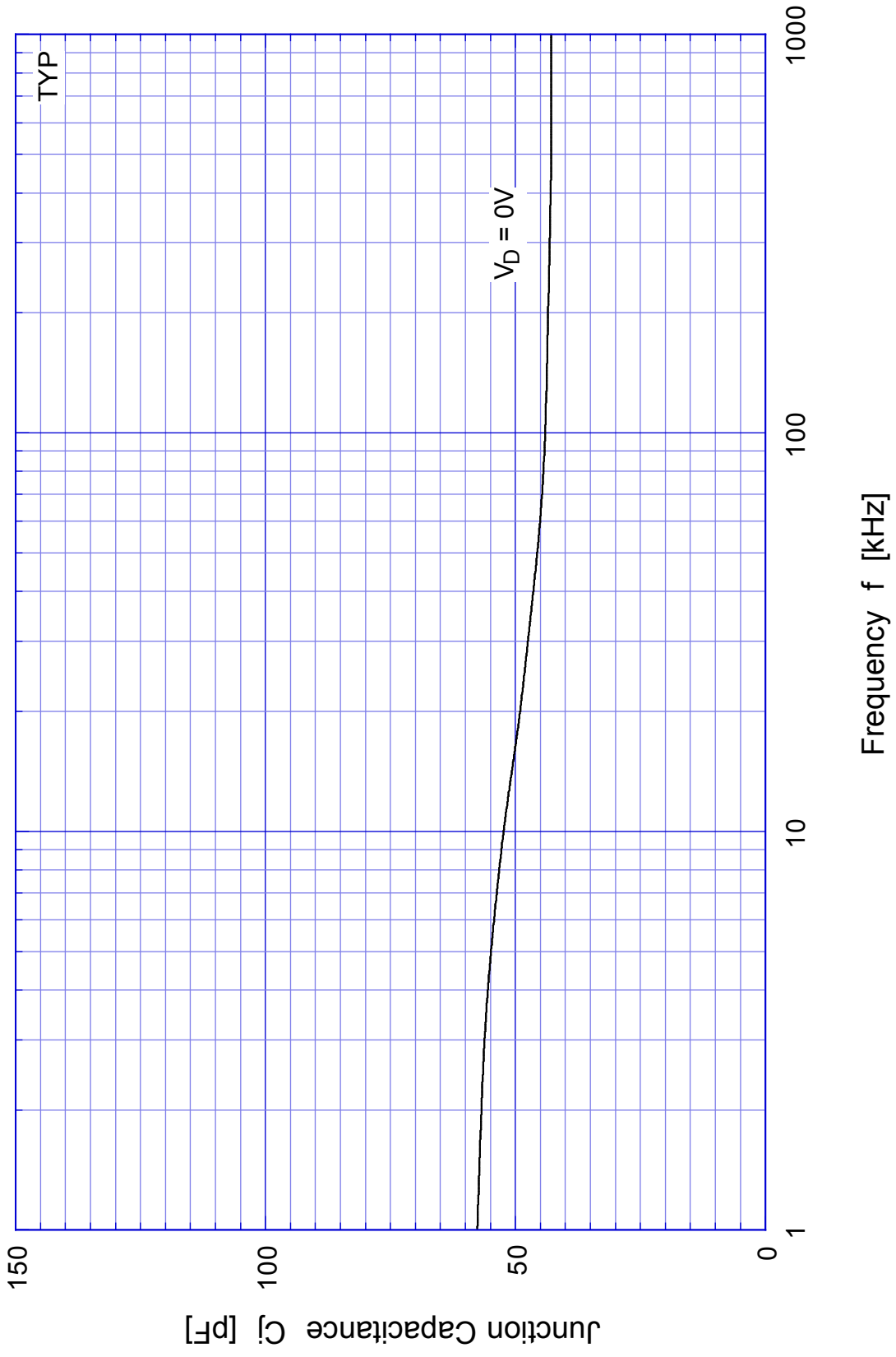


# KA3Z07 Holding Current - Junction Temperature



KA3Z07

Junction Capacitance



KA3Z07

Junction Capacitance

