

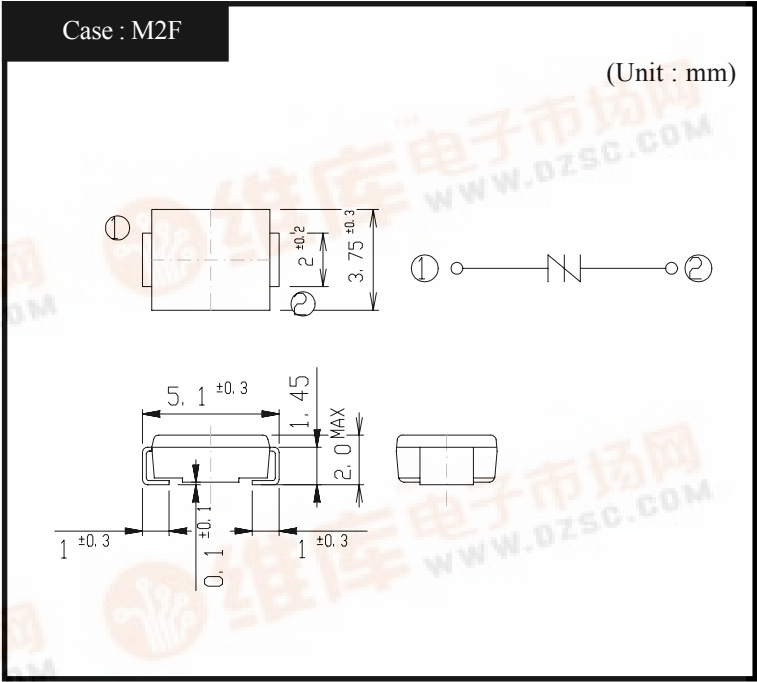
SHINDENGEN

TSS KU Series

SMD

KU10L08

OUTLINE DIMENSIONS



RATINGS

●Absolute Maximum Ratings

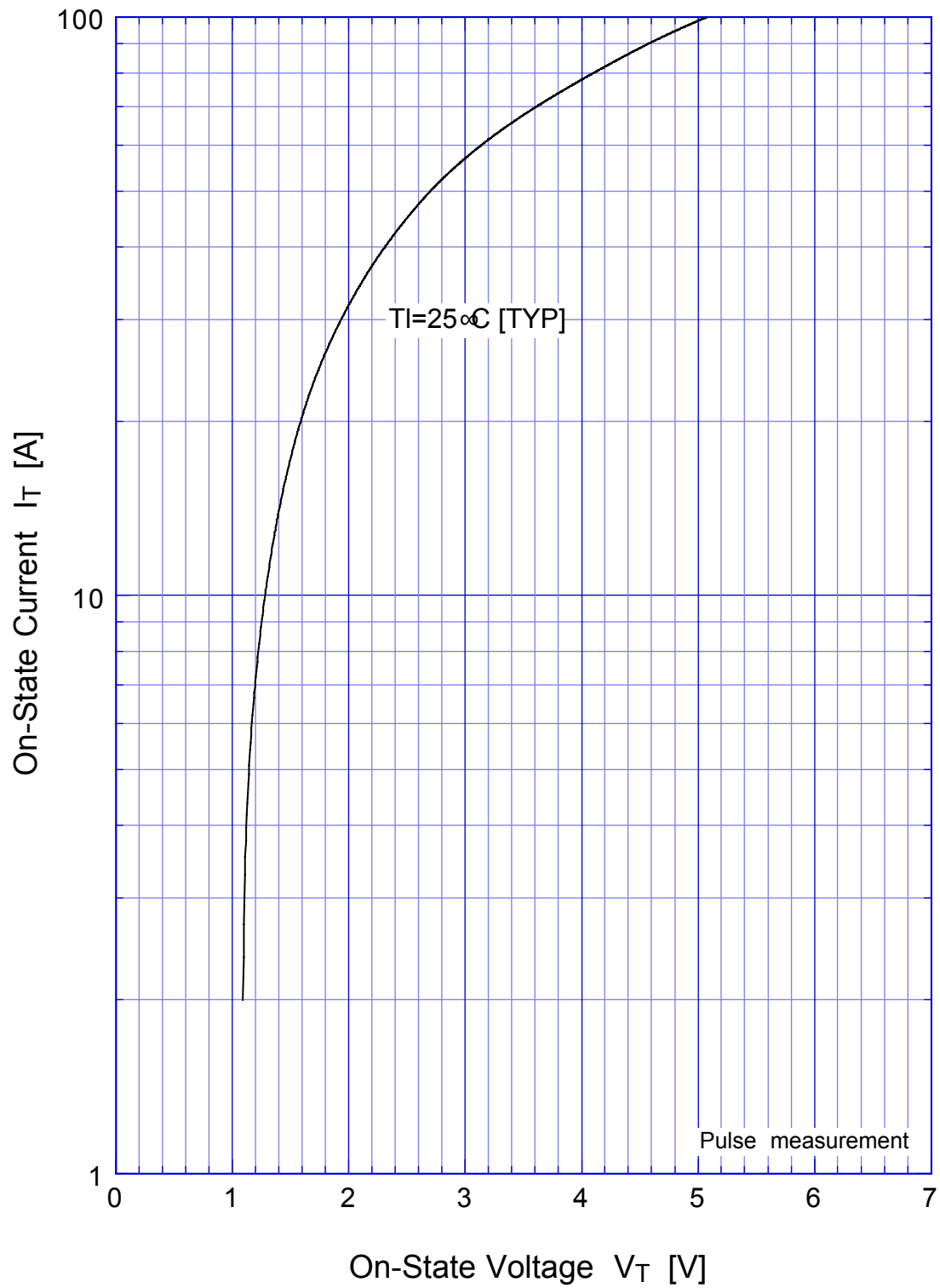
Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-40~125	℃
Junction Temperature	T _j		125	℃
Operating Temperature	T _{op}		-40~70	℃
Maximum Off-State Voltage	V _{DRM}		63	V
Surge On-State Current	I _{TSM}	Pulse-waveform 10/1000 μ s, Non-repetitive	100	A

●Electrical Characteristics (T_c=25℃)

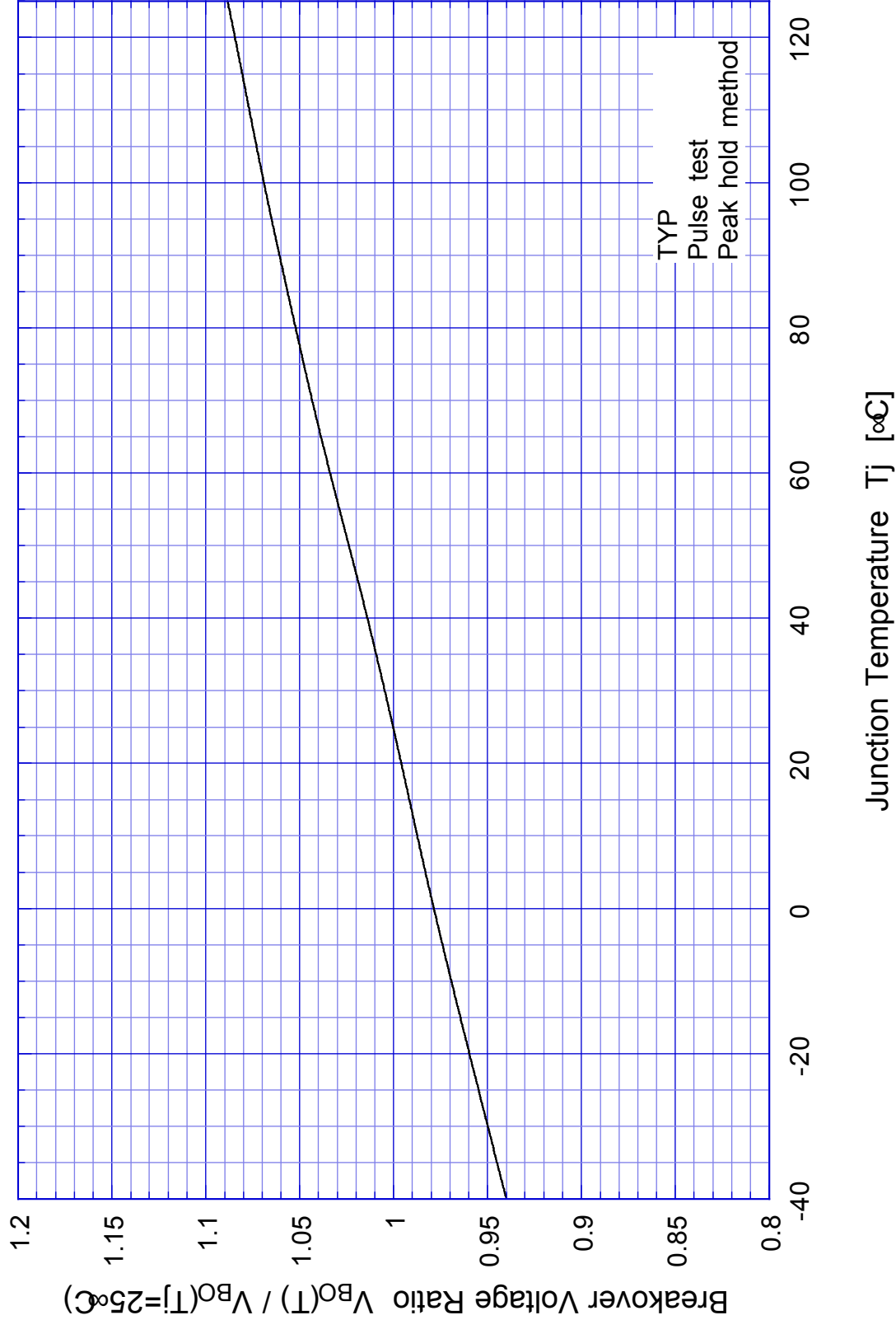
Item	Symbol	Conditions	Ratings	Unit
Breakover Voltage	V _{BO}	dv/dt = 8V/ms (Peak hold)	Min 70	V
Off-State Current	I _{DRM}	V _D = V _{DRM}	Max 5.0	μ A
Holding Current	I _H	Pulse measurement	Min 150(100)	mA
On-State Voltage	V _T	I _T = 2A	TYP 1.15	V
Capacitance	C _j	f = 1MHz, OSC = 1Vrms, DC = 50V	Max 180	pF



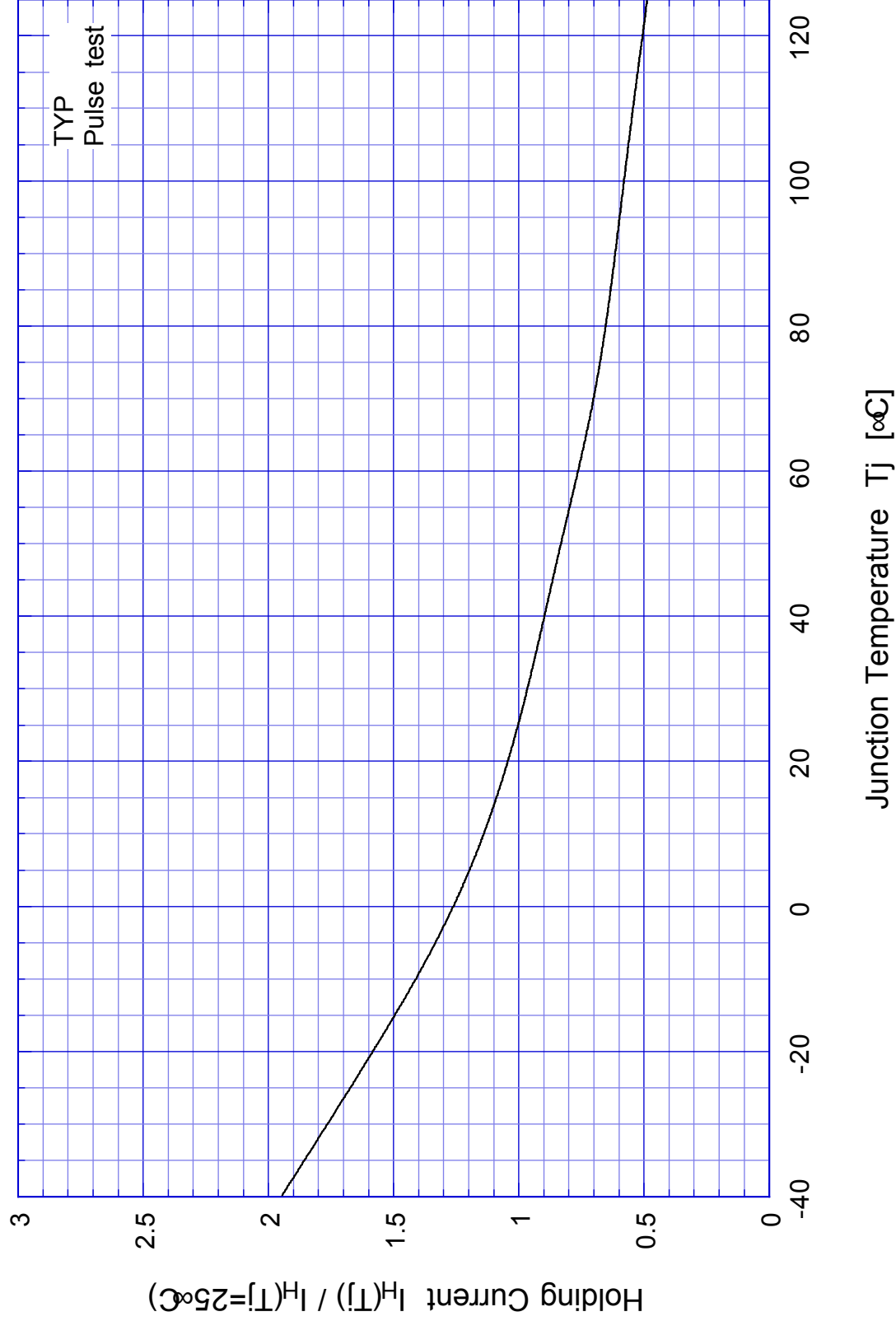
KU10L08 On-State Voltage - On-State Current



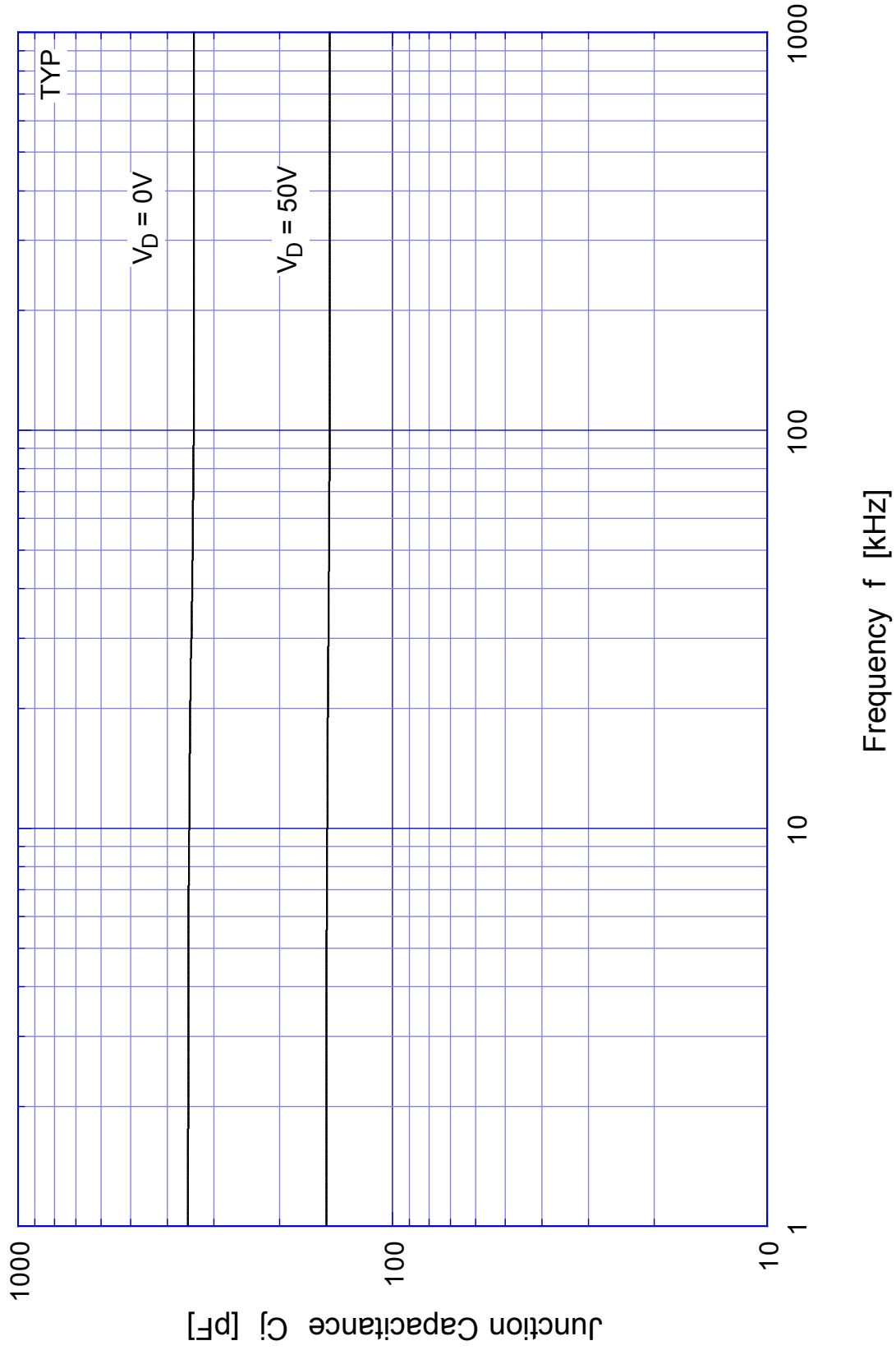
KU10L08 Breakover Voltage - Junction Temperature



KU10L08 Holding Current - Junction Temperature



KU10L08 Junction Capacitance



KU10L08 Junction Capacitance

