

SHINDENGEN

TSS KU Series

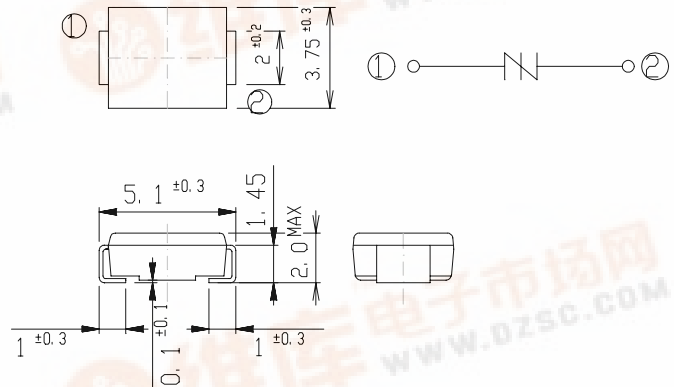
SMD

KU10LU07

OUTLINE DIMENSIONS

Case : M2F

(Unit : mm)



RATINGS

● Absolute Maximum Ratings

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-40~125	°C
Junction Temperature	T _j		125	°C
Operating Temperature	T _{op}		-40~70	°C
Maximum Off-State Voltage	V _{DRM}		58	V
Surge On-State Current	I _{TSM}	Pulse-waveform 10/1000 μs, Non-repetitive	100	A

● Electrical Characteristics (T_c=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V _{BR}	I _{BR} =1mA	Min 65	V
Off-State Current	I _{DRM}	V _D = V _{DRM}	Max 5	μA
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 = 20mV, DC = 50V	Max 200	pF

