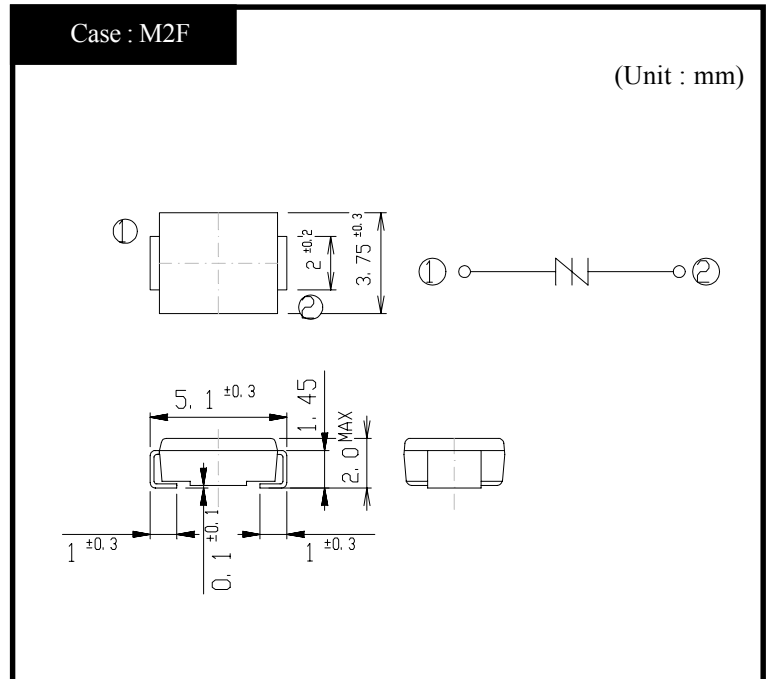


# KU10LU07

### 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
Operating Temperature	T <sub>op</sub>		-40~70	°C
Maximum Off-State Voltage	V <sub>DRM</sub>		58	V
Surge On-State Current	I <sub>TSM</sub>	Pulse-waveform 10/1000 μ s, Non-repetitive	100	A

#### ●Electrical Characteristics (T<sub>c</sub>=25°C)

Item	Symbol	Conditions	Ratings	Unit
Breakdown Voltage	V <sub>BR</sub>	I <sub>BR</sub> =1mA	Min 65	V
Off-State Current	I <sub>DRM</sub>	V <sub>D</sub> = V <sub>DRM</sub>	Max 5	μ A
Holding Current	I <sub>H</sub>	Pulse measurement	Min 150(100)	mA
On-State Voltage	V <sub>T</sub>	I <sub>T</sub> = 2A	TYP 1.15	V
Capacitance	C <sub>j</sub>	f = 1MHz OSC = 20mV, DC = 50V	Max 200	pF