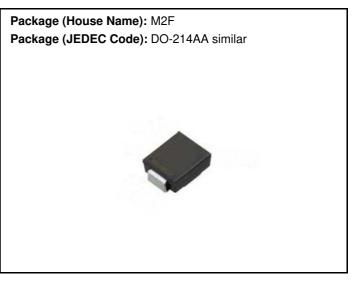
# **KU15N14** Thyristor Surge Suppressors 120V, 150A

## Feature

- Bi-directional characteristic
- High-speed response characteristic
- · Large surge current capacity
- Capable of repeated use for surges
- UL497B File No.E183905
- Pb free terminal
- RoHS:Yes

## OUTLINE



## **Equivalent circuit**

#### **Absolute Maximum Ratings** (unless otherwise specified : TI=25°C)

Item	Symbol	Conditions	Ratings	Unit
Storage temperrature	Tstg		-40 to 125	°C
Junction temperature	Tj		125	°C
Repetitive peak reverse voltage	V <sub>DRM</sub>		120	V
Peak surge on-state current	I <sub>TSM</sub>	10/1000µs, Non-repetitive	150	А

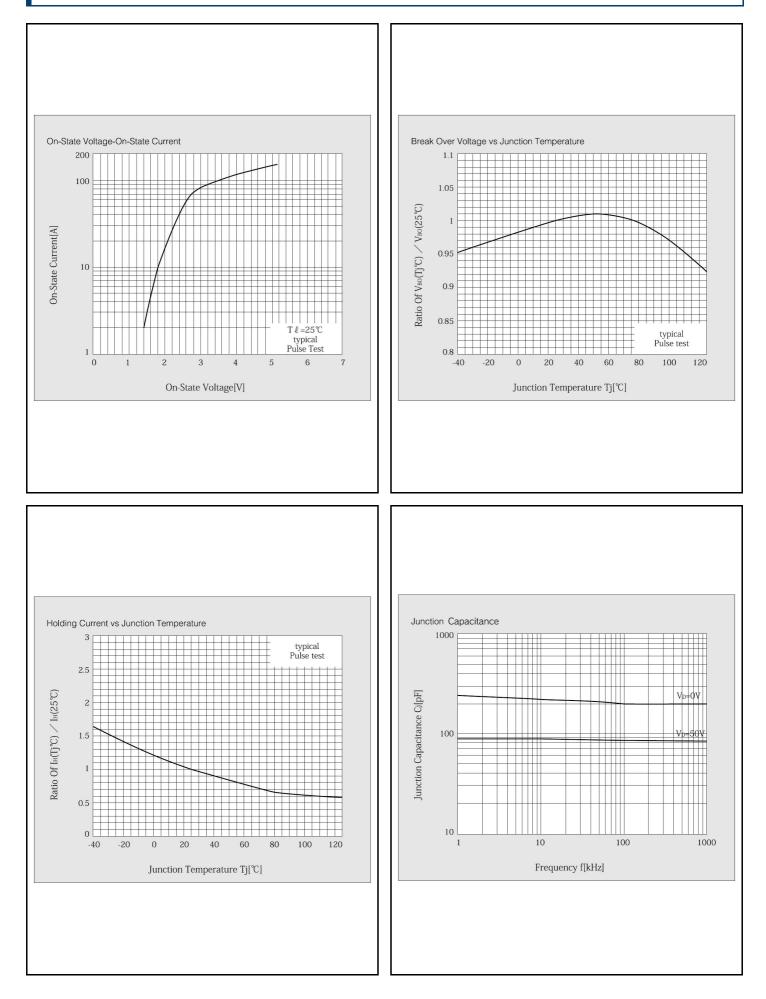
\* : See the original Specifications

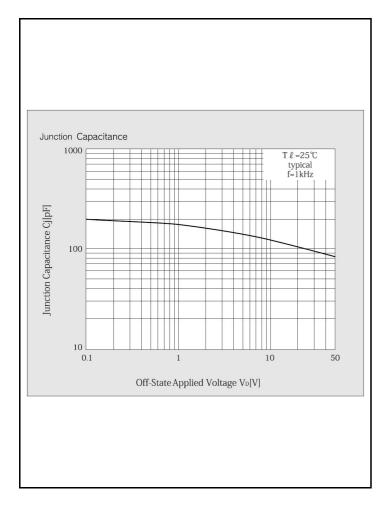
**Electrical Characteristics** (unless otherwise specified : TI=25°C)

ltem	Symbol	Conditions	Ratings			Unit
			MIN	ТҮР	MAX	Onit
Breakover voltage	V <sub>BO</sub>	dV/dt=8V/ms, Peak hold	125			V
Clamping voltage	V <sub>CL</sub>	dV/dt=100V/µs			195	V
Off-state current	I <sub>DSM</sub>	VD=120V			5	μA
Holding current	Ι <sub>Η</sub>	Pulse measurement	100			mA
On-State Voltage	V <sub>T</sub>	IT=2A			3	V
Junction capacitance	Cj	f=1kHz, VD=50V			110	pF

\* : See the original Specifications

# **CHARACTERISTIC DIAGRAMS**

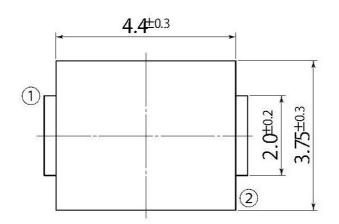


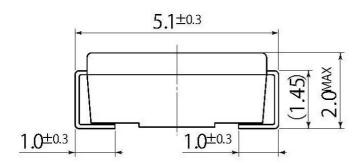


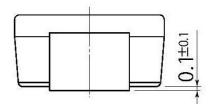
## unit:mm

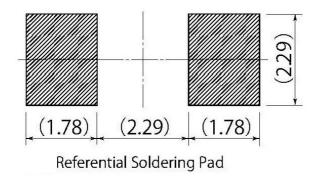
scale: 10/1

B7	JEDEC Code	DO-214AA similar
	JEITA Code	—
	House Name	M2F









Optimize soldering pad to the board design and soldering condition.

## Notes

- 1. If you wish to use any such product, please be sure to refer to the specifications issued by Shindengen.
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#### [Specific applications]

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