

DL04-18F1TVS
-, 400W**Feature**

- Peak pulse power: 400W
- Bi-directional
- Small SMD
- Based on AEC-Q101
- Pb free terminal
- RoHS: Yes

OUTLINE

Package (House Name): 1F
Package (JEDEC Code): DO-214AC

**Equivalent circuit****Absolute Maximum Ratings** (unless otherwise specified : $T_I=25^\circ\text{C}$)

Item	Symbol	Conditions	Ratings	Unit
Storage temperature	T_{STG}		-55 to 150	$^\circ\text{C}$
Operating junction temperature	T_J		150	$^\circ\text{C}$
Maximum surge reverse power	P_{RSM}	10/1000 μs , Non-repetitive	400	W
Continuous (direct) reverse voltage	$V_{R(DC)}$		13	V

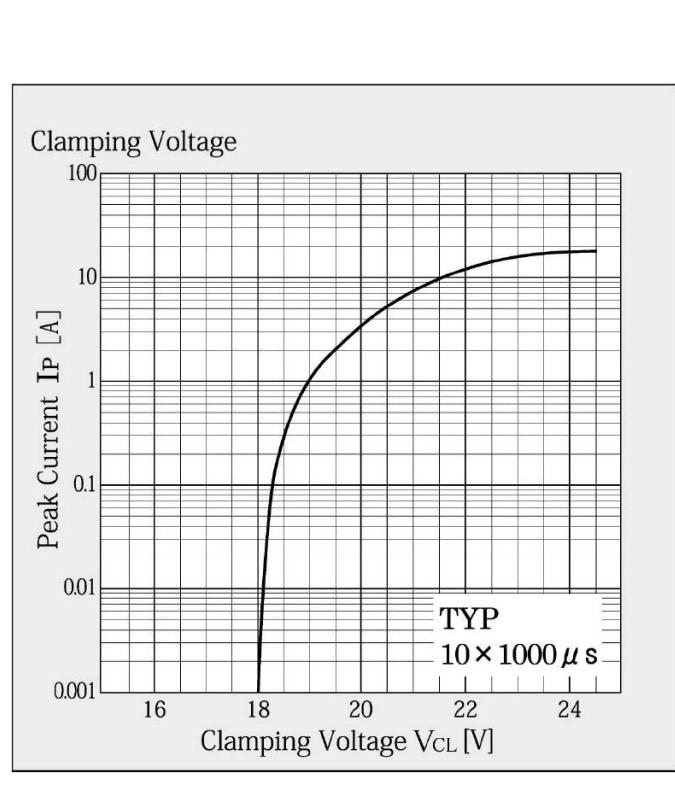
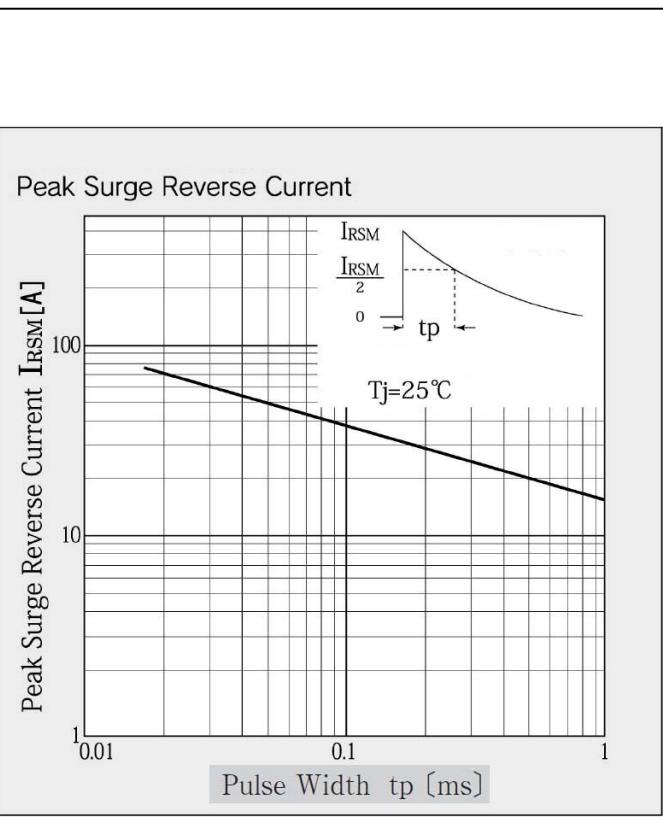
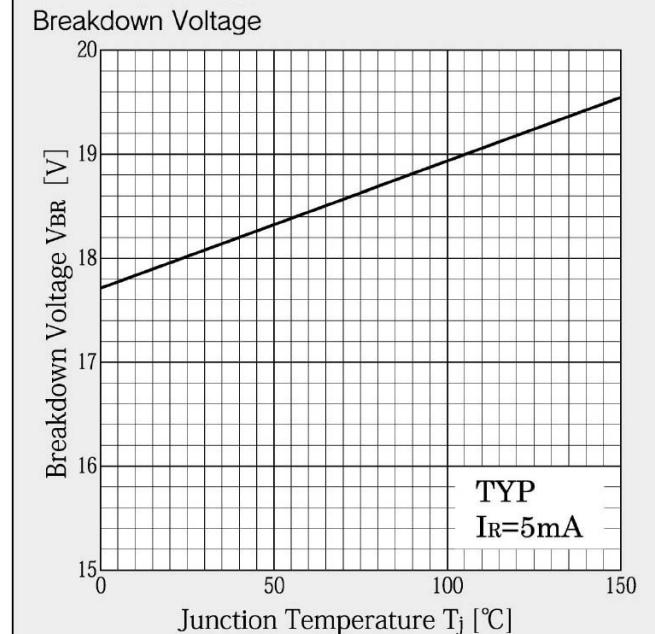
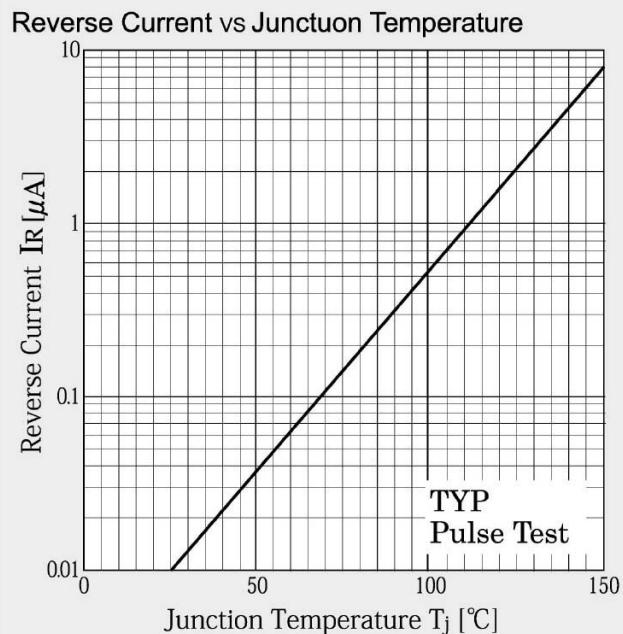
※ : See the original Specifications

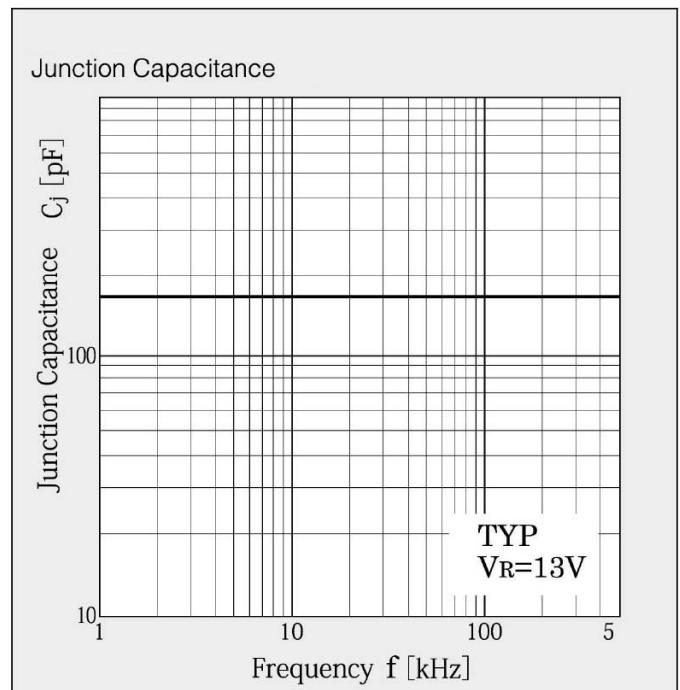
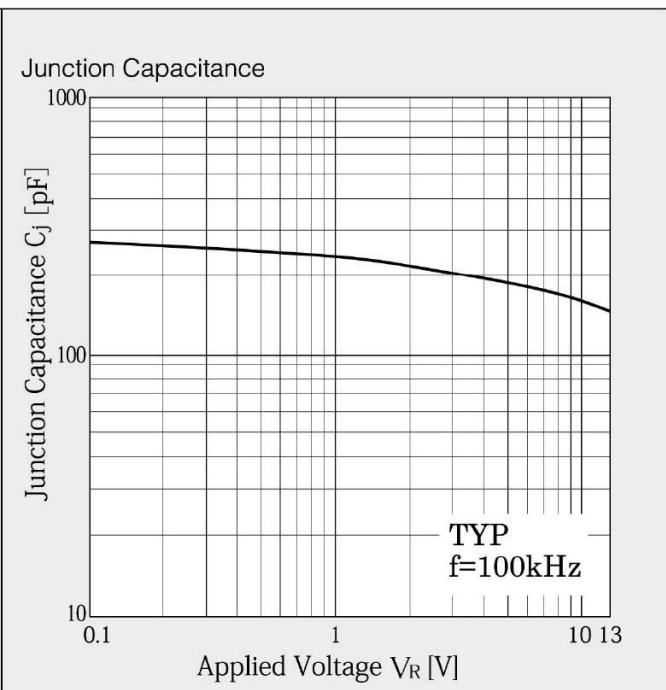
Electrical Characteristics (unless otherwise specified : $T_I=25^\circ\text{C}$)

Item	Symbol	Conditions	Ratings			Unit
			MIN	TYP	MAX	
Breakdown voltage	V_{BR}	$IR=5\text{mA}$	16.8		19.1	V
Reverse current	I_R	$VR=13\text{V}$			5	μA

※ : See the original Specifications

CHARACTERISTIC DIAGRAMS





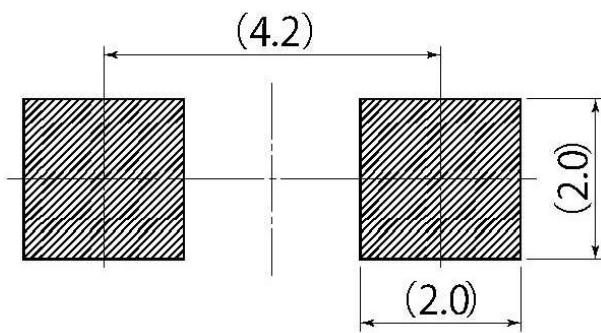
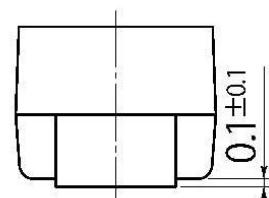
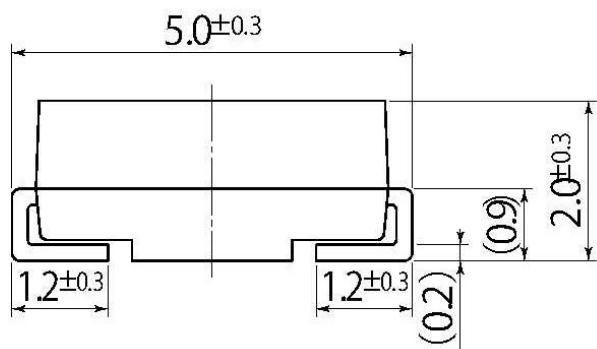
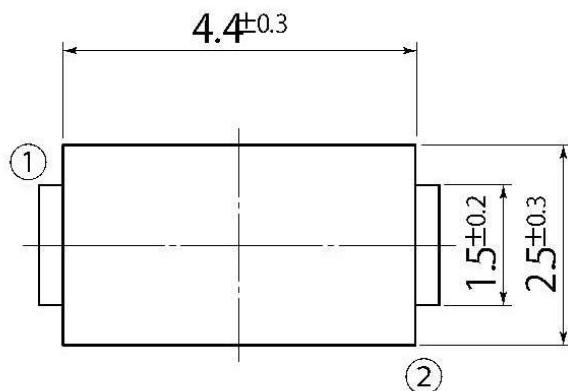
Outline Dimensions

unit:mm

scale: 10/1

B4

JEDEC Code	DO-214AC
JEITA Code	—
House Name	1F



Referential Soldering Pad

- 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.
2. All products described or contained herein are designed with a quality level intended for use in standard applications requiring an ordinary level of reliability. If these products are to be used in equipment or devices for special or specific applications requiring an extremely high grade of quality or reliability in which failures or malfunctions of products may directly affect human life or health, a local Shindengen office must be contacted in advance to confirm that the intended use of the product is appropriate. Shindengen products are grouped into the following three applications according the quality grade.

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Computers, office automation and other office equipment, communication terminals, test and measurement equipment, audio/visual equipment, amusement equipment, consumer electronics, machine tools, personal electronic equipment, industrial equipment, etc.

【Special applications】

Transportation equipment (vehicles, ships, etc.), trunk-line communication equipment, traffic signal control systems, anti-disaster/crime systems, safety equipment, medical equipment, etc.

【Specific applications】

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