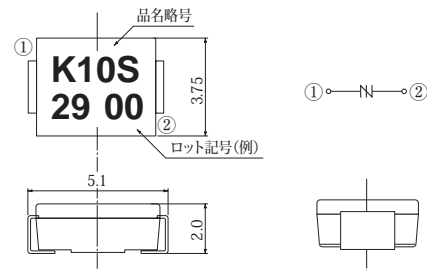


KU10R29NS

290V 100A

■外形寸法図 OUTLINE DIMENSIONS

Package : M2F



単位 : mm

外形図については新電元Webサイト又は〈半導体製品一覧表〉をご参照下さい。捺印表示については捺印仕様をご確認下さい。

For details of outline dimensions, refer to our web site or the Semiconductor Short Form Catalog. As for the marking, refer to the specification "Marking, Terminal Connection."

■定格表 RATINGS

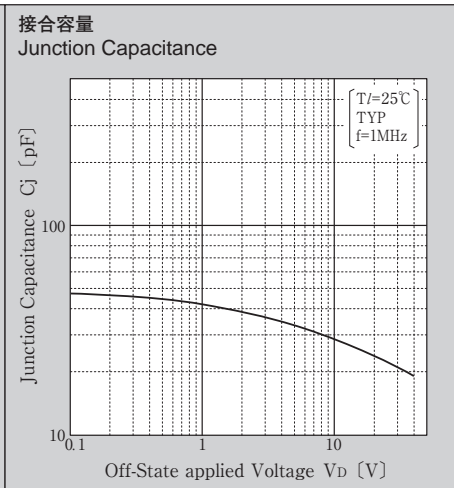
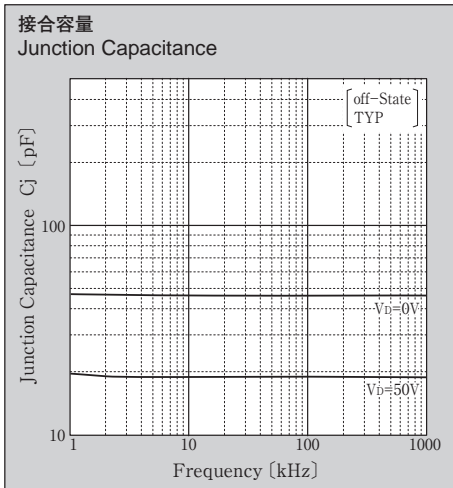
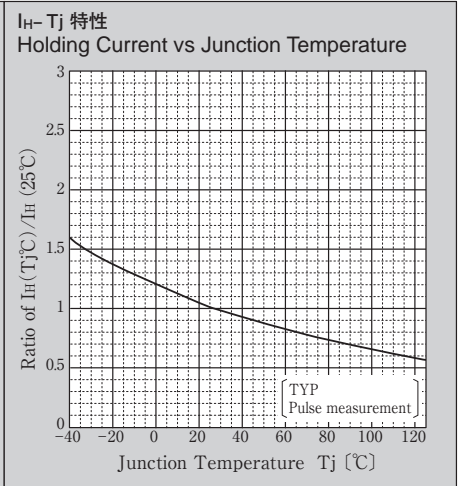
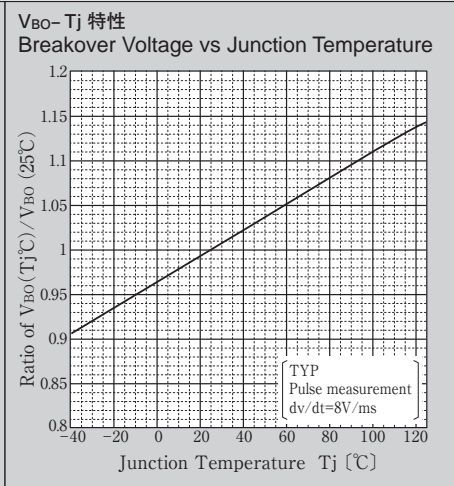
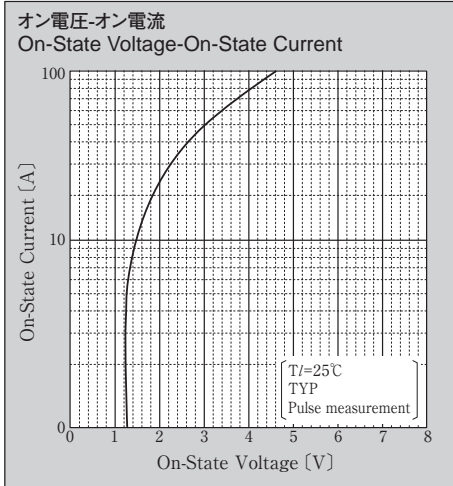
●絶対最大定格 Absolute Maximum Ratings (指定のない場合 $T_1=25^\circ\text{C}$ / unless otherwise specified)

項目 Item	記号 Symbol	条件 Conditions	規格値 Ratings	単位 Unit
保存温度 Storage Temperature	Tstg		-40~125	°C
接合部温度 Junction Temperature	Tj		125	
せん頭オフ電圧 Max Off-State Voltage	VDRM		250	V
せん頭サージ電流 Surge On-State Current	ITSM	10/1000 μs 非繰り返し 10/1000 μs Non-repetitive	100	A
		I = 5/310 μs , V = 10/700 μs , 非繰り返し I = 5/310 μs , V = 10/700 μs , Non-repetitive	150	A

●電気的特性 $T_c=25^\circ\text{C}$ Electrical Characteristics $T_c=25^\circ\text{C}$ (指定のない場合 $T_1=25^\circ\text{C}$ / unless otherwise specified)

ブレイクオーバー電圧 Breakover Voltage	VBO	dV/dt = 8V/ms	MIN 275	V
せん頭オフ電流 Off-State Current	IDRM	V _D = 250V	MAX 5	μA
保持電流 Holding Current	I _H	パルス測定 Pulse measurement	MIN 100	mA
オン電圧 On-State Voltage	V _T	I _T = 2A	MAX 3	V
接合容量 Junction Capacitance	C _j	f = 1MHz, V _D = 50V	MAX 70	pF
クランピング電圧 Clamping Voltage	V _{CL}	dv/dt = 100V/ μs	MAX 400	V

■特性図 CHARACTERISTIC DIAGRAMS



* Sine waveは50Hzで測定しています。
* 50Hz sine wave is used for measurements.