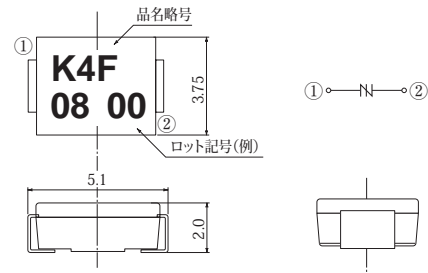


KU4F8

80V 40A

■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

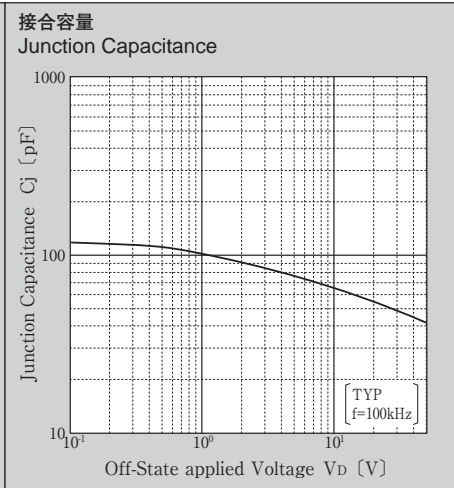
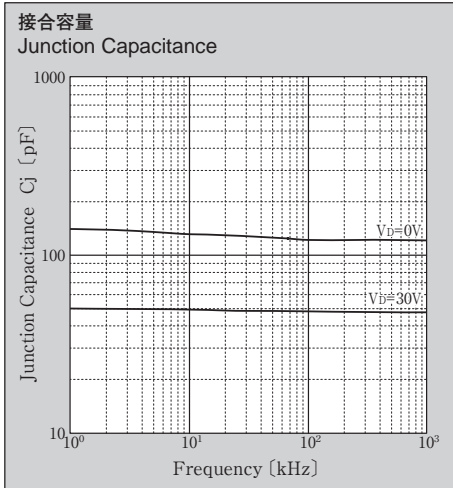
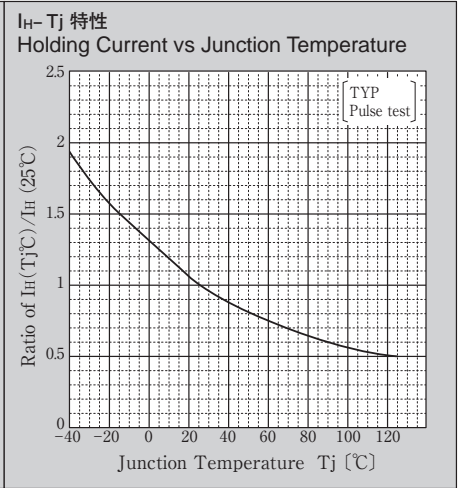
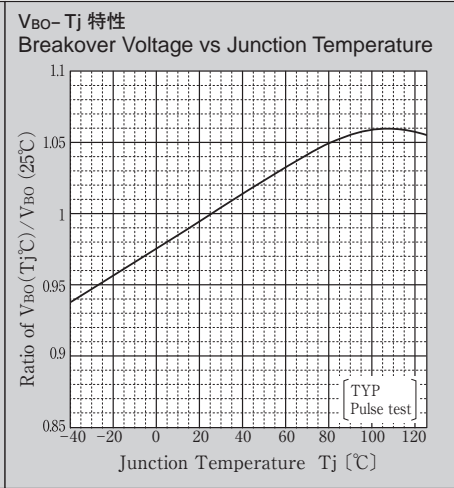
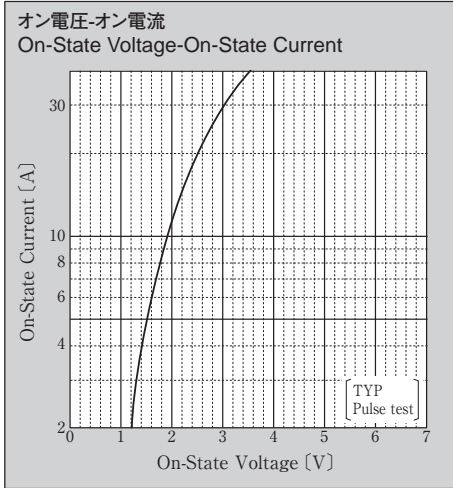
●絶対最大定格 Absolute Maximum Ratings (指定のない場合 $T_1=25^\circ\text{C}$ / unless otherwise specified)

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	V _{DRM}		70	V
せん頭サージ順電流 Peak Surge Forward Current	I _{TSM}	10/1000 μs 非繰り返し 10/1000 μs Non-repetitive	40	A
最大オフ電圧上昇率 Critical Rate of Rise of MAX Off-State Voltage	dV/dt	V _{BO} (min) \times 0.63	1.5	KV/ μs

●電気的特性 Tc=25°C Electrical Characteristics Tc=25°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	V _{BO}	dV/dt = 8V/ms ピークホールド法 Peak-hold	75~98	V
せん頭オフ電流 Off-State Current	I _{DRM}	V _D = 70V	MAX 10	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 3.0	V
接合容量 Junction Capacitance	C _j	f = 100kHz, V _D = 30V, OSC = 20mVrms	MAX 100	pF

■特性図 CHARACTERISTIC DIAGRAMS



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