

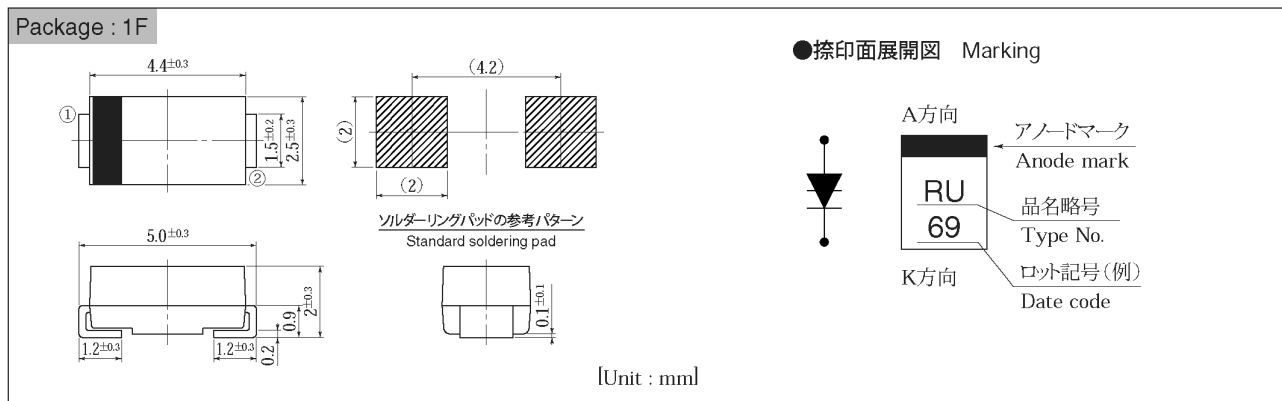
絶対最大定格 Absolute Maximum Ratings (指定のない場合 $T_l=25^\circ\text{C}$ / Unless otherwise specified)

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	$^\circ\text{C}$	
接合部温度 Operating Junction Temperature	Tj		125	$^\circ\text{C}$	
オフ電圧 Maximum Off-state Voltage	V _{DRM(A)}		190	V	
実効オン電流 RMS On-state Current	I _T	$T_l=98^\circ\text{C}$, 50Hz sine wave ($\theta=180^\circ$)	1	A	
パルスオン電流 Pulse On-state Current	I _{TRM}	T _a =25 $^\circ\text{C}$, pulse width $t_o=10\mu\text{s}$, sine wave	f=5Hz	280	A
			f=60Hz	150	
オン電流上昇率 Critical Rate of Rise of On-state Current	di _T /dt		150	A/ μs	

電氣的・熱的特性 Electrical Characteristics (指定のない場合 $T_l=25^\circ\text{C}$ / Unless otherwise specified)

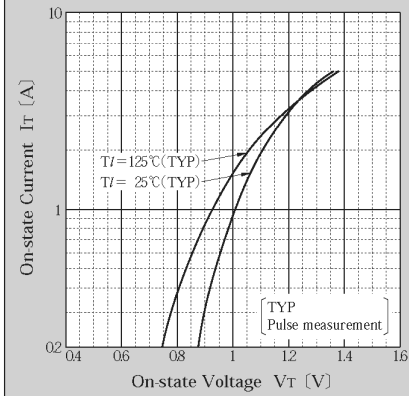
項目 Item	記号 Symbol	条件 Conditions	規格値 Ratings	単位 Unit
			G1VL22C	
ブレイクオーバー電圧 Breakover Voltage	V _{BO(A)}	Pulse measurement dv/dt = 4V/ms	210 ~ 230	V
オフ電流 Off-state Current	I _{DRM(A)}	V _D = 190V	MAX 10	μA
ブレイクオーバー電流 Breakover Current	I _{BO(A)}		MAX 0.5	mA
保持電流 Holding Current	I _{H(A)}		MAX 60	mA
オン電圧 On-state Voltage	V _{T(A)}	I _T = 1A	MAX 1.5	V
スイッチング抵抗 Switching Resistance	R _{S(A)}		MIN 0.1	k Ω
熱抵抗 Thermal Resistance	θ_{j-l}	Junction to lead	MAX 23	$^\circ\text{C}/\text{W}$

外形寸法図 Outline Dimensions

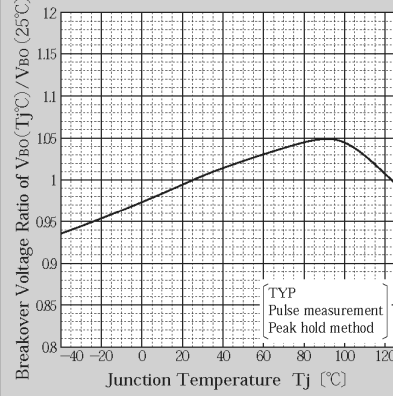


特性図 Characteristic Diagrams

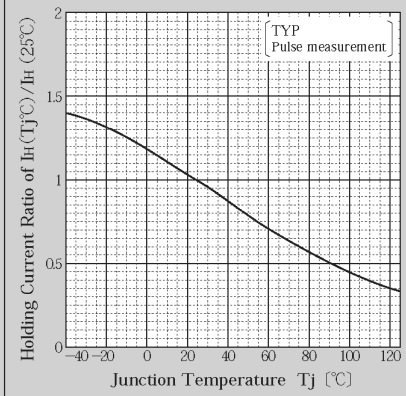
On-state Voltage vs On-state Current



Breakover Voltage vs Junction Temperature



Holding Current vs Junction Temperature



Pulse On-state Current Derating (I_{TRM})

