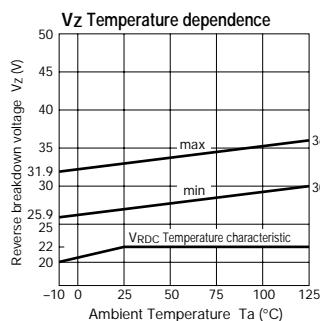
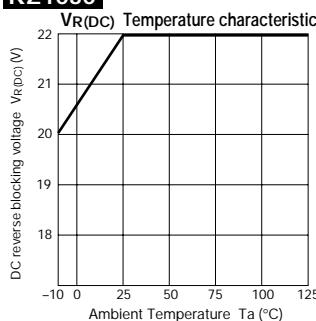


Avalanche Diodes with built-in Thyristor

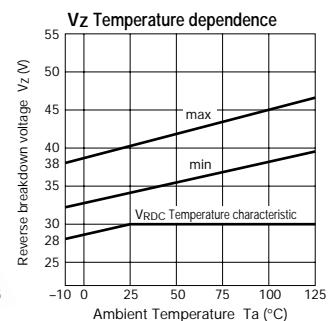
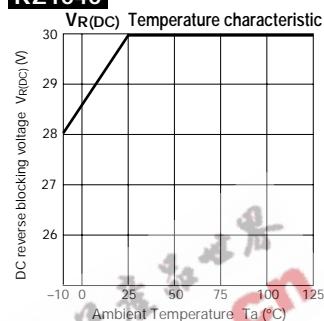
Parameter Type No.	Absolute Maximum Ratings				Electrical Characteristics ($T_a = 25^\circ\text{C}$)				Others	
	V_{RDC} (V) (-10°C)	I_{TSM} (A)	T_J (°C)	T_{stg} (°C)	V_z (V)	I_R (μA)	$I_R(H)$ (μA)	γ (typ.)	Mass (g)	Fig.
RZ1030	20	30 50Hz Half-cycle Sinewave Single Shot	-10 to +125	-40 to +150	27 to 33	10 $V_R = V_{RM}$ max	50 $V_R = V_{RM}$ $T_a = 100^\circ\text{C}$ max	0.03 0.05 0.07 0.18 0.22 0.30 0.18	0.44 0.2	Ⓐ
RZ1040	28				34 to 40					
RZ1055	40				50 to 60					
RZ1065 *	50				60 to 70					
RZ1100 *	80				90 to 110					
RZ1125 *	105				115 to 135					
RZ1150	125				140 to 160					
RZ1175	150				165 to 185					
RZ1200	180				185 to 215					
EZ0150	125				140 to 160					

* Under development

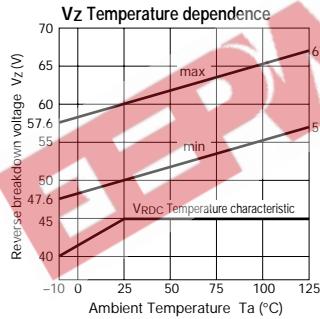
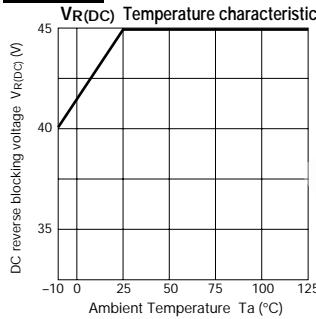
RZ1030



RZ1040



RZ1055



RZ1065

RZ1100

RZ1125

External Dimensions
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig. Ⓛ

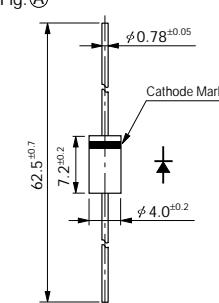
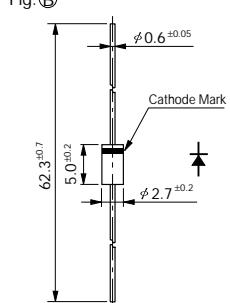
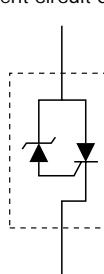


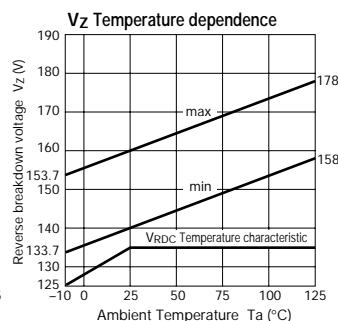
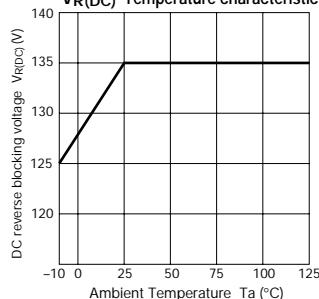
Fig. Ⓜ



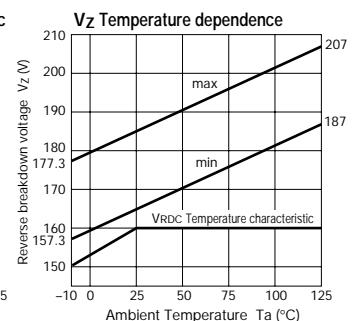
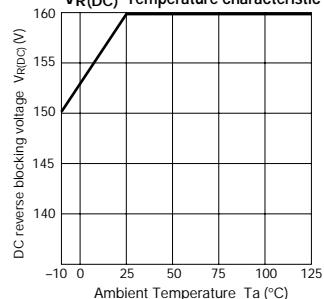
Equivalent circuit diagram



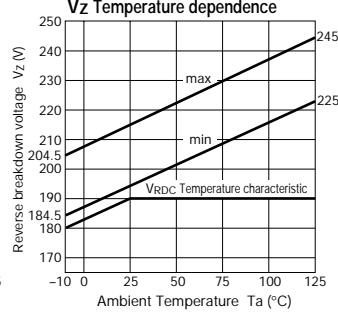
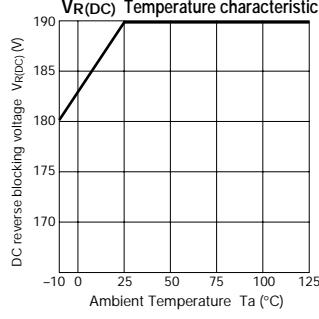
RZ1150
VR(DC) Temperature characteristic



RZ1175
VR(DC) Temperature characteristic



RZ1200
VR(DC) Temperature characteristic



EZ0150
VR(DC) Temperature characteristic

