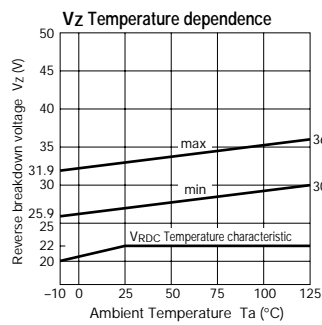
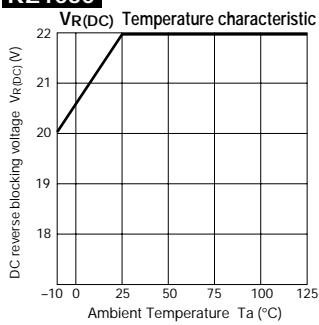


Avalanche Diodes with built-in Thyristor

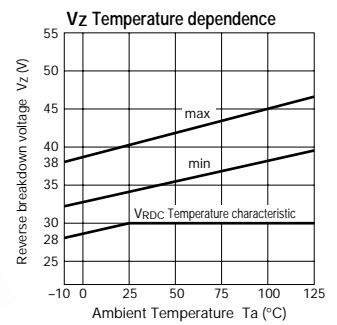
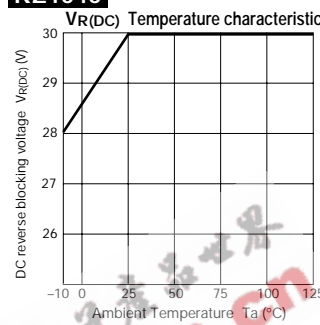
Type No.	Parameter V_{RDC} (V) (-10°C)	Absolute Maximum Ratings			Electrical Characteristics (Ta=25°C)			Others		
		I_{TSM} (A) 50Hz Half-cycle Sinewave Single Shot	T_j (°C)	T_{stg} (°C)	V_z (V)	I_R (μ A) $V_R = V_{RM}$ max	I_R (H) (μ A) $V_R = V_{RM}$ Ta=100°C max	γ (typ.)	Mass (g)	Fig.
RZ1030	20	30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

* Under development

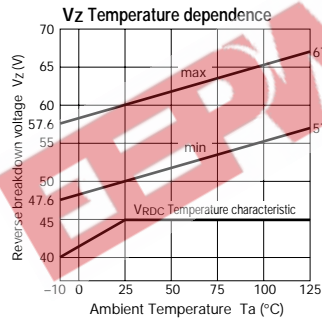
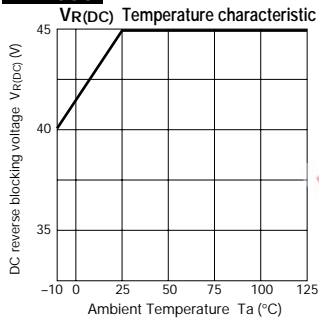
RZ1030



RZ1040



RZ1055



RZ1065

RZ1100

RZ1125

External Dimensions (Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig. Ⓐ

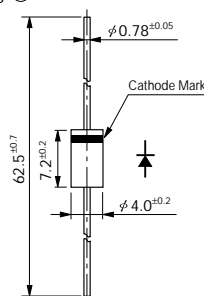
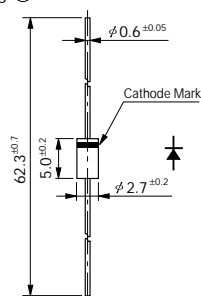
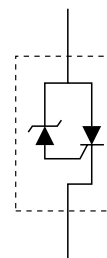
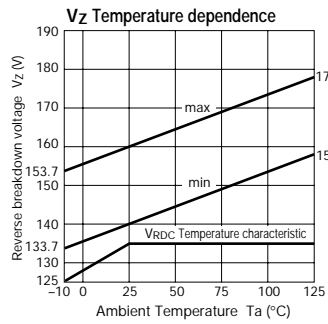
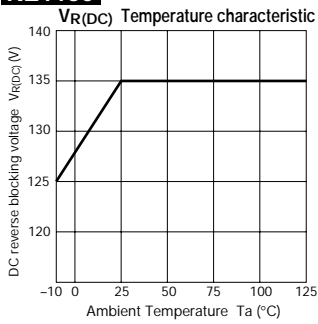
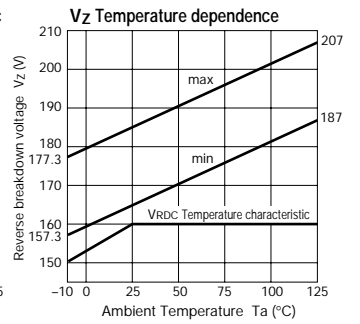
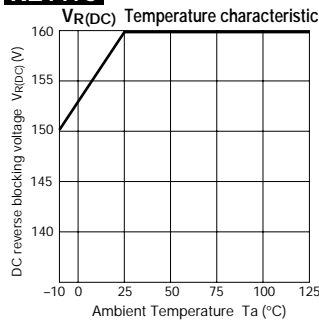
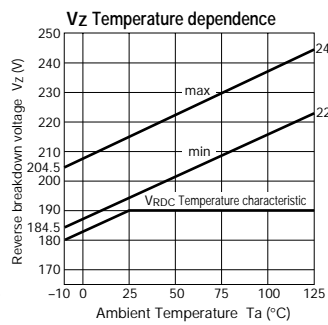
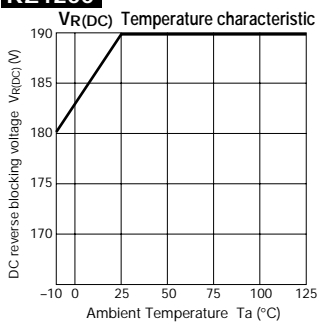


Fig. Ⓑ



Equivalent circuit diagram



RZ1150**RZ1175****RZ1200****EZ0150**