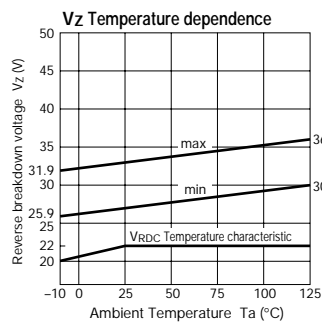
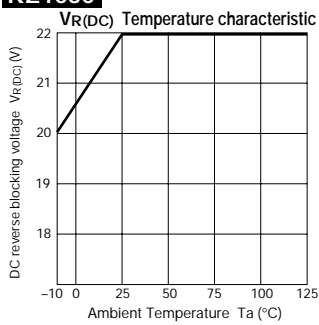


# Avalanche Diodes with built-in Thyristor

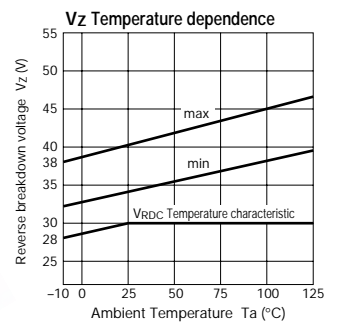
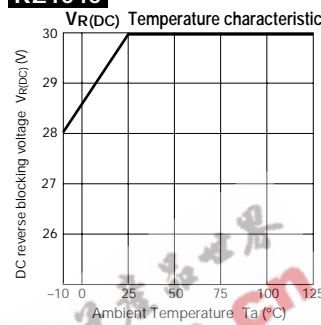
Type No.	Parameter $V_{RDC}$ (V) (-10°C)	Absolute Maximum Ratings			Electrical Characteristics (Ta=25°C)			Others		
		$I_{TSM}$ (A) 50Hz Half-cycle Sinewave Single Shot	$T_j$ (°C)	$T_{stg}$ (°C)	$V_z$ (V)	$I_R$ ( $\mu$ A) $V_R = V_{RM}$ max	$I_R$ (H) ( $\mu$ A) $V_R = V_{RM}$ Ta=100°C max	$\gamma$ (typ.)	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					
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

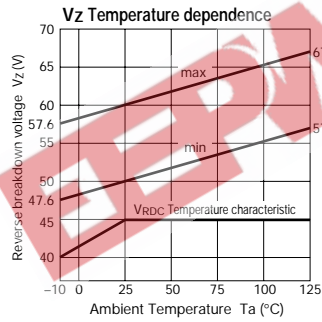
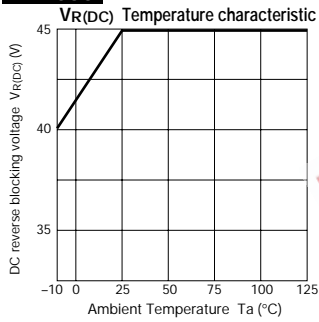
## RZ1030



## RZ1040



## RZ1055



## RZ1065

## RZ1100

## RZ1125

### External Dimensions (Unit: mm)

Flammability:  
UL94V-0 or Equivalent

Fig. Ⓐ

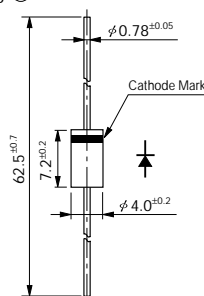
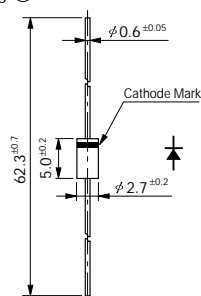
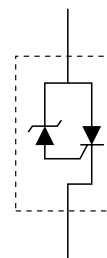
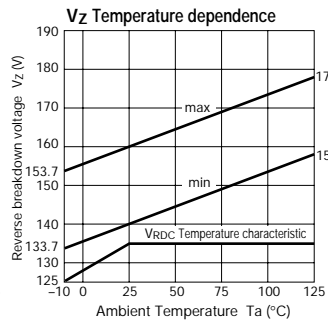
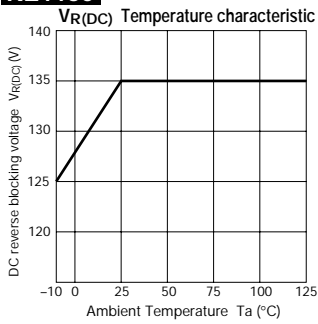
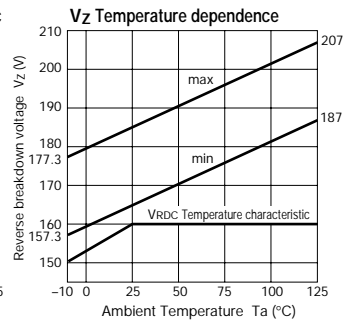
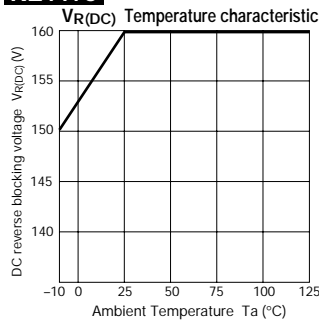
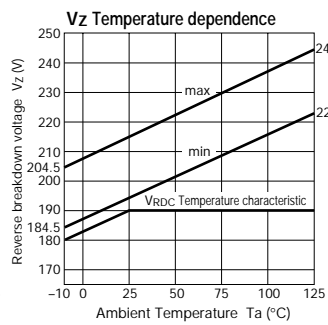
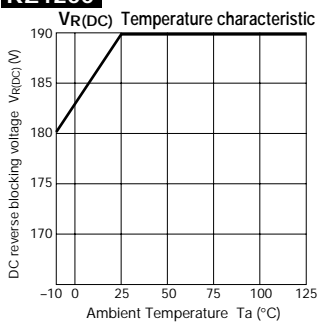


Fig. Ⓑ



### Equivalent circuit diagram



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