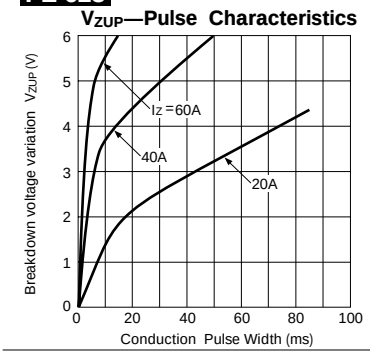
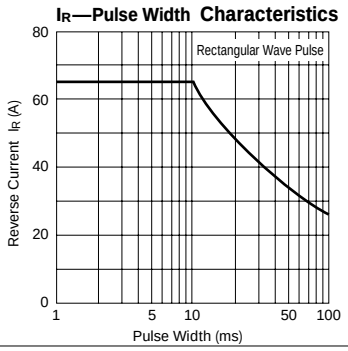
# Power Zener Diodes

| Type No. \ Parameter | Absolute Maximum Ratings | | | | | Electrical Characteristics (Ta=25°C) | | | | | | | Others | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $P_R$ (W) | $V_{DC}$ (V) | $I_{ZSM}$ (A) | Tj (°C) | Tstg (°C) | $V_Z$ (V) | $I_R$ (mA) | $I_R$ (H) (mA) | Temperature dependence of breakdown voltage V/°C | $R_Z$ (Ω) | $V_F$ (V) | | Mass | Remarks | Fig. |
| | P.W=5ms | | Rectangular wave 10ms single shot | | | $I_Z$=1mA Instantaneous | $V_R=V_{DC}$ max | $V_R=V_{DC}$ Ta=150°C max | $I_Z$=1mA | $I_Z$=1.0A to 10A typ. | max | $I_F$ (A) | (g) | | |
| PZ 628 | 1500 | 20 | 65 | –40 to +150 | | 28±3 | 0.5 | 1.0 | 0.02 | 0.03 | 0.95 | 5.0 | 2.6 | | Ⓐ |
| SFPZ-68 | 50 | | 2.0 | | | | 0.01 | 1.0 | 0.02 | 0.03 | 0.95 | 1.0 | 0.072 | Surface Mount | Ⓑ |
| SPZ-G36 | 450 | 30 | 11.0 | | | 36±3.6 | 0.005 | 0.1 | 0.03 | 0.24 | 0.98 | 3.0 | 0.29 | Power Surface Mount | Ⓒ |

**PZ 628**




**SFPZ-68**

**SPZ-G36**

**External Dimensions**
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

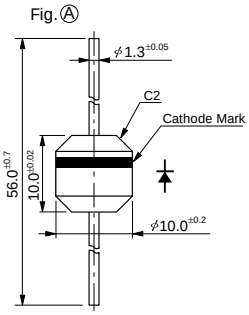



Fig.Ⓑ

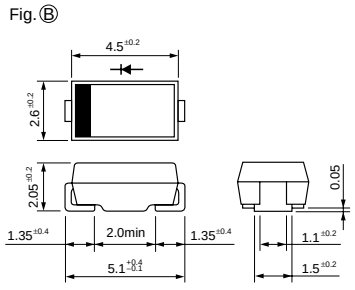



Fig.Ⓒ

