

High-voltage Diodes for Igniters

Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)				Fig. No.
	V _{RM} (kV)	I _F (AV) (mA) 50 Hz half-wave signal average	I _{RSM} (mA) Peak value of single shot triangular wave with 100μs half-power bandwidth	I _{RSM} (A) Peak value of 50 Hz half-wave signal	T _J T _{stg} (°C)	V _F (V) max	Condition I _F (mA)	I _R (μA) V _R =V _{RM} max	V _Z (kV) I _R =100μA	
SHV-05J	2.5	30	30	3	-40 to +150	5	10	10	2.6 to 5.0	1
SHV-08J	4.0	30	30	3		8			4.5 to 8.0	2
SHV-30J	15.0	30	10	3		30			16.0 to 30.0	3

External Dimensions (unit: mm)

Fig. 1 (SHV-05J)

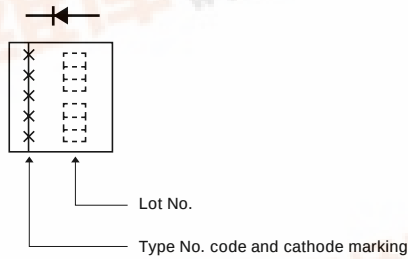
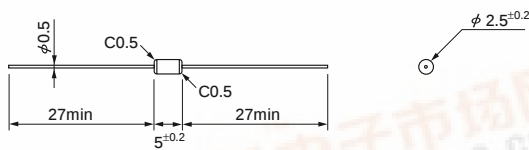


Fig. 2 (SHV-08J)

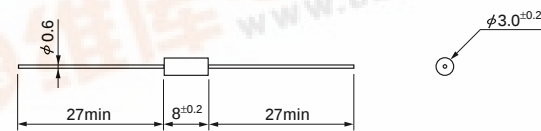


Fig. 3 (SHV-30J)

