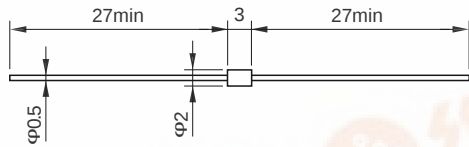
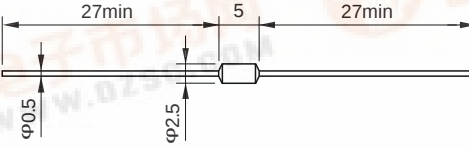
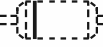
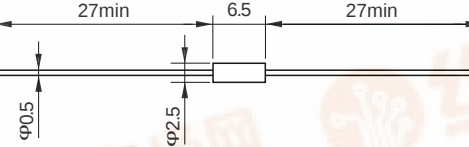
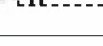
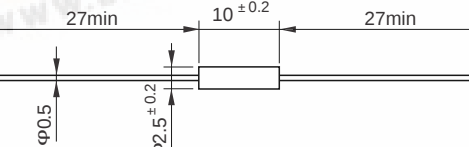
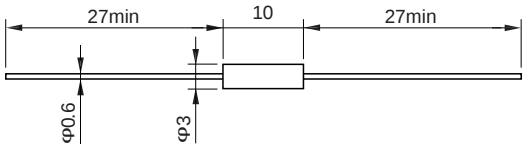
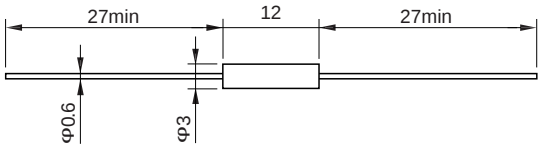
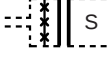


High-Voltage Rectifier Diodes

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta = 25)							Others		
	V _{RM} (kV)	I _{R(AV)} (mA)	I _{FSM} (A)	T _C ()	T _{stg} ()	V _F (V)		I _R (μA)	I _{R(H)} (μA)	t _{rr} (μs)			Mass (g)	Fig.	Remarks
			50Hz Half-cycle Sinewave Single Shot			max	I _F (mA)	V _R = V _{RM} max	V _R = V _{RM} Ta = 100 max		I _F /I _{RP} (mA)	Ta = 100			
SHV-02	2	2.0 TV high voltage rectifier Capacitive load	0.3	100	- 40 to + 120	10	1	3	0.18	10/10	-	0.15	Ⓐ	For general FBT	
SHV-03S	3														
SHV-03															
SHV-10	10														
SHV-12	12														
SHV-14	14														
SHV-16	16														
SHV-20	20														
SHV-24	24														
SHV-06NK	6		0.5	100	- 40 to + 120	10	1	3	0.18	10/10	-	0.2	Ⓒ	For layer- built FBT	
SHV-08NK	8														
SHV-10K	10											0.32	Ⓔ		
SHV-12K	12														
SHV-06UNK	6		0.5	100	- 40 to + 120	10	1	3	0.15	10/10	0.30	0.2	Ⓒ	For high- frequency layer-built FBT	
SHV-08UNK	8														
SHV-10UK	10											0.3	Ⓔ		
SHV-12UK	12														
SHV-16UK	16														
SHV-08DN	8														
SHV-12DN	12	0.2										Ⓒ	For Ultra high-frequency layer-built FBT		
HVR-1X-40B	9	350	20	60 (Ta)	- 40 to + 130	9	350	10	V _Z = 9.5 to 15kV	-	-	3.67	Ⓒ	For Microwave Oven	
UX-C2B	8		15		- 30 to + 130	13.5					V _Z = 8.5kV min.				0.1

Type No.	External Dimensions (Unit: mm)	Marking (Cathode Mark)	
		Pattern	Color
SHV-02	Fig. Ⓐ 		White
SHV-03S			Red
SHV-03	Fig. Ⓑ 		White
SHV-06NK	Fig. Ⓒ 		White
SHV-06UNK			Red
SHV-08NK			White
SHV-08UNK			Red
SHV-08DN			Red
SHV-12DN	Fig. Ⓓ 		Red

Type No.	External Dimensions (Unit: mm)	Marking (Cathode Mark)	
		Pattern	Color
SHV-10	Fig.㊦ 		White
SHV-10K			
SHV-10UK			Red
SHV-12			White
SHV-12K			
SHV-12UK			Red
SHV-14			White
SHV-16	Fig.㊧ 		White
SHV-16UK			Red
SHV-20			White
SHV-24			

- The SHV series of diodes have been miniaturized by resin on the assumption of remolding. Measures against creeping discharge and humidity stress must be taken when using these diodes.
- The taping specifications of the SHV series differ from ordinary diodes. (P.10)

SHV series

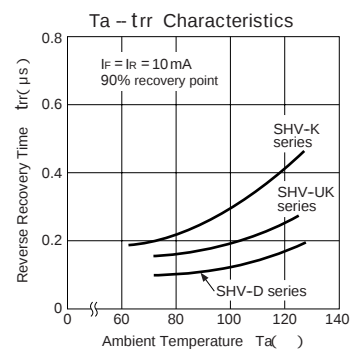
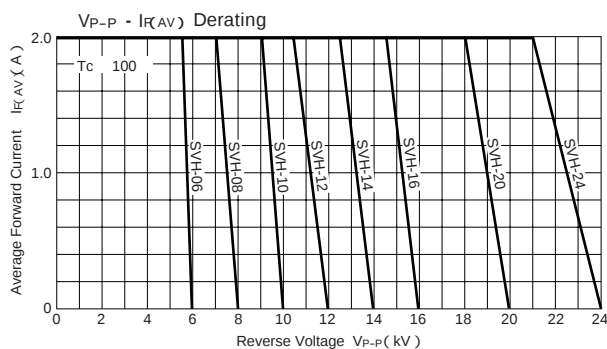


Fig.㊦

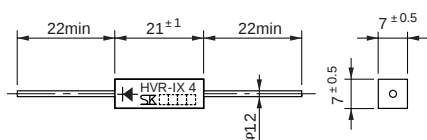


Fig.㊧

