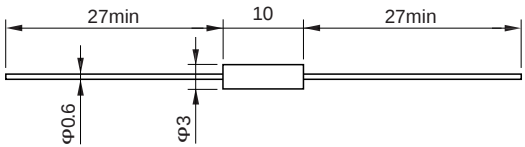
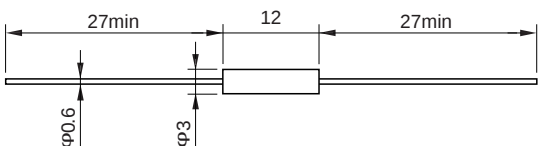
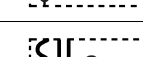


High-Voltage Rectifier Diodes

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	16	10	1	3	0.18	10/10	-	0.15	Ⓐ	For general FBT															
SHV-03S	3																				0.16	Ⓑ								
SHV-03			0.5			40							45	55		60	75	0.32	Ⓔ											
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	26		10	1	3	0.18	10/10	-	0.2	Ⓒ	For layer- built FBT						
SHV-08NK	8													36																
SHV-10K	10													40																
SHV-12K	12			45																										
SHV-06UNK	6		0.5	100	- 40 to + 120	48	10	1	3	0.15	10/10	0.30	0.2	Ⓒ	For high- frequency layer-built FBT															
SHV-08UNK	8					60																								
SHV-10UK	10					68							90	0.3		Ⓔ														
SHV-12UK	12																													
SHV-16UK	16																													
SHV-08DN	8		0.5	100	- 40 to + 120	30	10	1	3	0.15	10/10	0.20	0.2	Ⓒ	For Ultra high-frequency layer-built FBT															
SHV-12DN	12					45															0.3	Ⓓ								
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	100/100	Ⓓ		For Inverter-type Microwave Oven																

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	Fig.㊧ 		White
SHV-16UK			Red
SHV-20			White
SHV-24			

- The SHV series of diodes have been miniaturized by resin on the assumption for 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

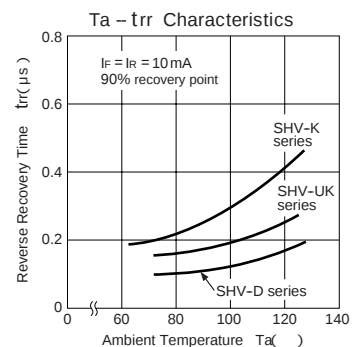
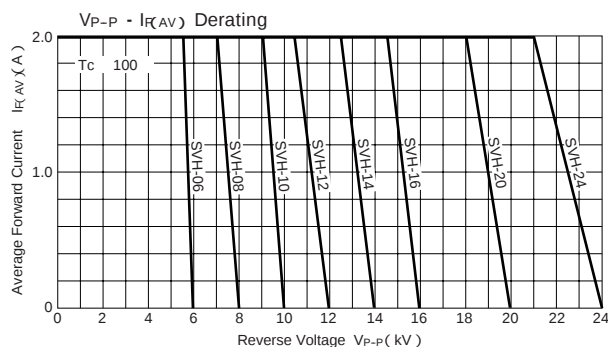


Fig.㊦

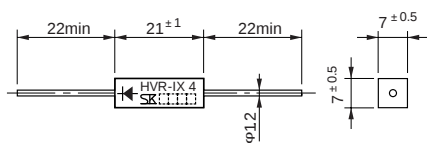


Fig.㊧

