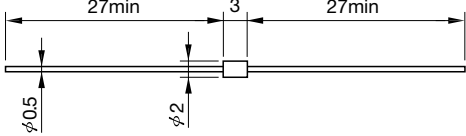
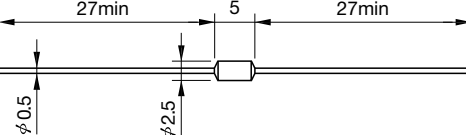
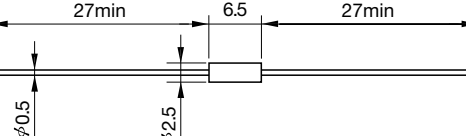
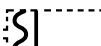
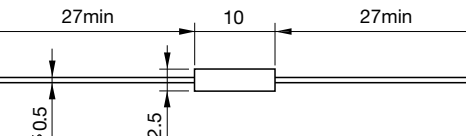
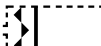


High-Voltage Rectifier Diodes

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)							Others							
	V _{RM} (kV)	I _{F(AV)} (mA)	I _{FSM} (A)	T _C (°C)	T _{stg} (°C)	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°C max		I _F /I _{RP} (mA)	Ta=100°C								
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	—	0.13	Ⓐ	For general FBT					
SHV-03S	3															0.16	Ⓑ			
SHV-03																				
SHV-10	10					40														
SHV-12	12					45														
SHV-14	14					55														
SHV-16	16					60														
SHV-20	20					75								Ⓕ						
SHV-24	24														Ⓖ					
SHV-06EN	6			0.5	100	-40 to +120	24	10	1	3	0.15	10/10	0.20	0.17	Ⓒ	For high- frequency layer-built FBT				
SHV-08EN	8						30													
SHV-10EN	10						38												0.20	Ⓓ
SHV-12EN	12						45													
SHV-08DN	8			0.5	100	-40 to +120	30	10	1	3	0.15	10/10	0.20	0.17	Ⓒ	For Ultra high-frequency layer-built FBT				
SHV-10DN	10						38											0.20	Ⓓ	
SHV-12DN	12						45													
HVR-1X-40B	9	350	20	60 (Ta)	-40 to +130	9	350	10	V _Z =9.5 to 15kV	—	—		2.5	Ⓖ	For Microwave Oven					
UX-F0B	8		15		-30 to +130	16			V _Z =8.5kV min.	0.18	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-06EN	Fig.Ⓒ 		White
SHV-08EN			White
SHV-08DN			Red
SHV-10EN	Fig.Ⓓ 		White
SHV-10DN			Red
SHV-12EN			White
SHV-12DN			Red

Type No.	External Dimensions (Unit: mm)	Marking (Cathode Mark)	
		Pattern	Color
SHV-10	Fig.㉔ 		White
SHV-12			
SHV-14			
SHV-16	Fig.㉕ 		White
SHV-20			
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

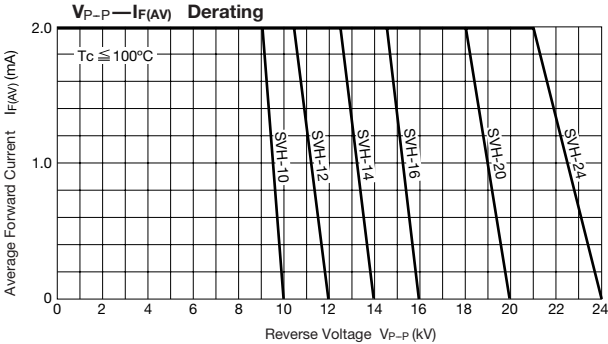


Fig.㉔

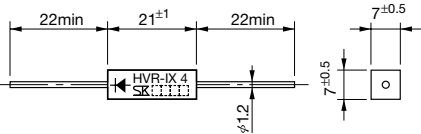


Fig.㉕

