

High Voltage Diodes

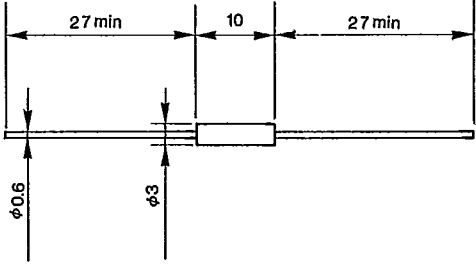
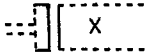
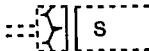
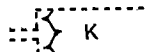
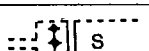
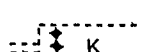
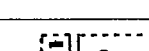
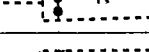
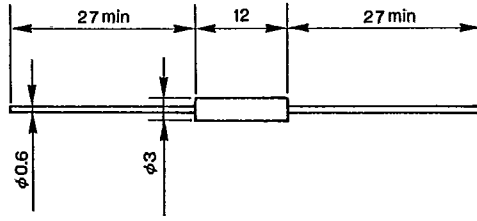
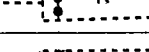
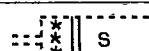
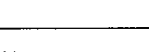
V_{RM}: 2~24kVI_o: 2mA/350mA

SHV/HVR

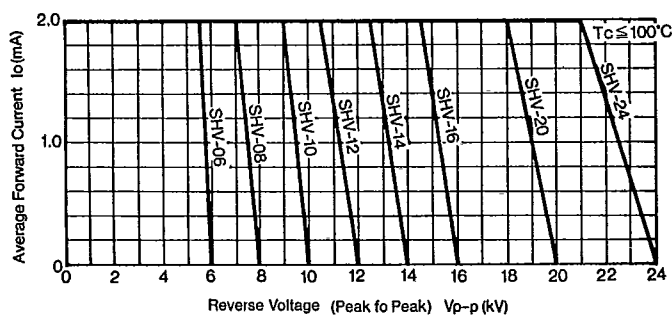
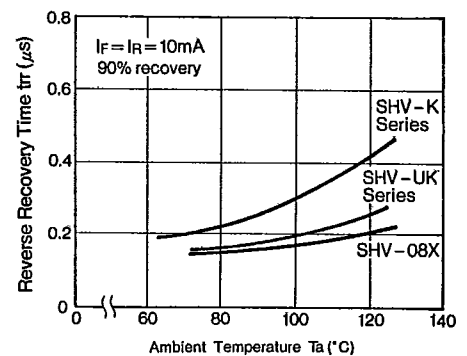
Rating/ Characteristics	Absolute Maximum Ratings						Electrical Characteristics (Ta=25°C)						Others											
	V _{RSM} (kV)	V _{RM} (kV)	I _o (mA)	I _{FSM} (A)	T _c (°C)	T _{stg} (°C)	V _F (V)		I _R (μA)	I _{R(H)} (μA)	t _{rr} (μs)		Outline Drawing	Weight (g)	Taping	Application								
Type No.				50Hz Half Sine Wave Single Pulse			max	I _F (mA)	V _R =V _{RM} max	V _R =V _{RM} Ta=100°Cmax		I _F /I _R (mA)	Ta=100°C											
SHV-02	2.2	2	2 [TV High Voltage C Load]	0.3	100	-40~ +120	10	1	3	0.18	10/10	—	25	0.15	Available	For TV High Voltage								
SHV-03	—	3											26	0.16										
SHV-06	7	6											28	0.2										
SHV-08	9	8											29											
SHV-10	12	10												0.32										
SHV-12	14	12																						
SHV-14	17	14																						
SHV-16	19	16																						
SHV-20	24	20																						
SHV-24	27	24																						
SHV-06NK	7	6											30											
SHV-08NK	9	8											27	0.2										
SHV-10K	12	10											29	0.32										
SHV-12K	14	12											27	0.2										
SHV-06UNK	7	6											29	0.3										
SHV-08UNK	9	8											30	0.3										
SHV-10UK	12	10											29	0.32										
SHV-12UK	14	12											29	0.32										
SHV-16UK	19	16											29	0.32										
SHV-08X	9	8	2															29	0.32					
HVR-1X-40B	—	9	350	20	60(Ta)	-40~+130	9	350	10	V _B =9.5KVmin, 15KVmax	—	31	3.67	—	For MWO									

Type No.	Outline Drawing	Marking	
		Marking Pattern	Marking Color
SHV-02	Outline Drawing ②5 		White
			Red
SHV-03	Outline Drawing ②6 		White
SHV-06NK	Outline Drawing ②7 		White
SHV-06UNK			Red
SHV-08NK			White
SHV-08UNK			Red
SHV-06	Outline Drawing ②8 		White
SHV-08			

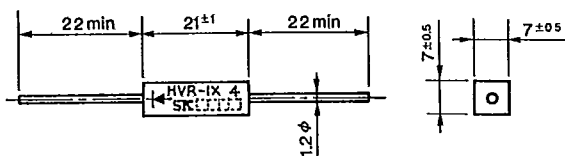
For TV/Microwave Oven

Type No.	Outline Drawing	Marking	
		Marking Pattern	Marking Color
SHV-08X	Outline Drawing ②⑨ 		Red
SHV-10			White
SHV-10K			
SHV-10UK			Red
SHV-12			White
SHV-12K			
SHV-12UK			Red
SHV-14			White
SHV-16	Outline Drawing ③① 		White
SHV-16UK			Red
SHV-20			White
SHV-24			

SHV Series

I_o - V_{p-p} Characteristicstrr - t_a Characteristics

Outline Drawing ③①



②⑤~③① Plastic Molded, Flammability: UL94V-0 or Equivalent