

High Voltage Diodes

$V_{RM}: 2 \sim 24kV$

$I_o: 2mA/350mA$

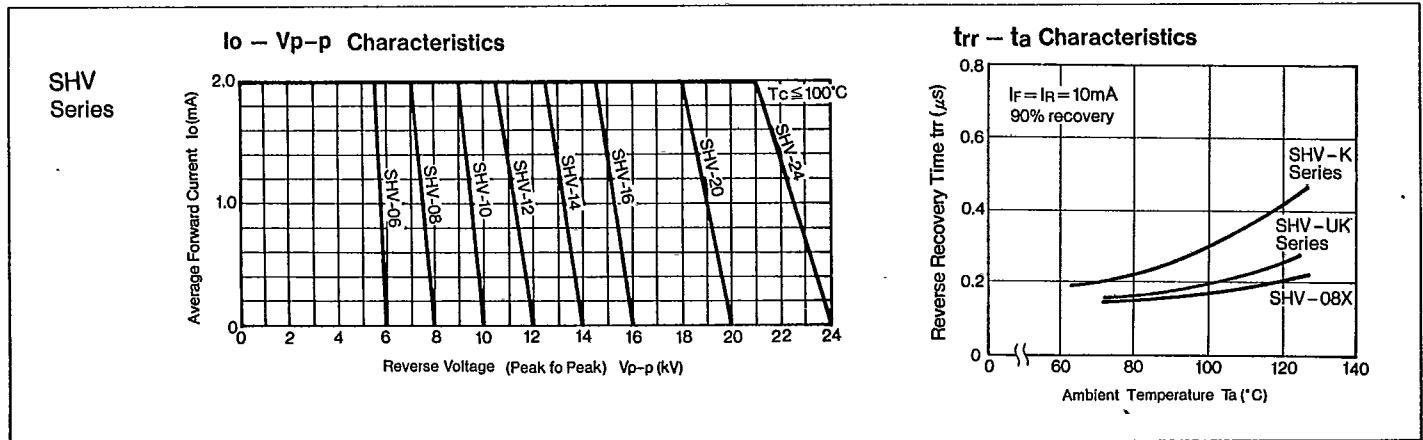
SHV/HVR

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)	trr (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															
SHV-10	12	10															
SHV-12	14	12															
SHV-14	17	14															
SHV-16	19	16															
SHV-20	24	20															
SHV-24	27	24															
SHV-06NK	7	6														②⑦	0.2
SHV-08NK	9	8															
SHV-10K	12	10															
SHV-12K	14	12															
SHV-06UNK	7	6										②⑨	0.32				
SHV-08UNK	9	8															
SHV-10UK	12	10															
SHV-12UK	14	12															
SHV-16UK	19	16															
SHV-08X	9	8	2	③⑩	0.3												
HVR-1X-40B	—	9	350	20	60(Ta)	-40~+130	9	350	10	V _B =9.5KVmin, 15KVmax	—			③⑪	3.67	—	For MWO

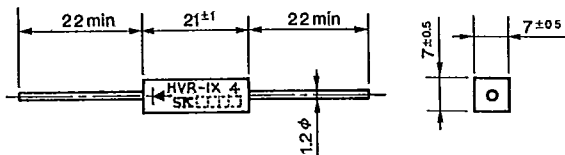
Type No.	Outline Drawing	Marking	
		Marking Pattern	Marking Color
SHV-02	Outline Drawing ②⑤ 		White
			Red
SHV-03	Outline Drawing ②⑥ 		White
SHV-06NK	Outline Drawing ②⑦ 		White
SHV-06UNK			Red
SHV-08NK			White
SHV-08UNK			Red
SHV-06	Outline Drawing ②⑧ 		White
SHV-08			White

For TV/Microwave Oven

Type No.	Outline Drawing	Marking		
		Marking Pattern	Marking Color	
SHV-08X	<p>Outline Drawing ⑳</p>		Red	
SHV-10			White	
SHV-10K				
SHV-10UK			Red	
SHV-12			White	
SHV-12K				
SHV-12UK			Red	
SHV-14			White	
SHV-16		<p>Outline Drawing ㉑</p>		White
SHV-16UK				Red
SHV-20			White	
SHV-24				



Outline Drawing ㉒



㉒~㉓ Plastic Molded, Flammability: UL94V-0 or Equivalent