

HIGH-VOLTAGE DIODES

1. HIGH-VOLTAGE DIODES

Device	Device Marking	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @8.3ms Superimposed	Maximum Reverse Current @PRV	Maximum Forward Voltage @T _A =25°C		Maximum Reverse Recovery Time	Package				
			PRV	I _O @ T _L			I _{FM} (Surge)	I _R			I _{FM}	V _{FM}	t _{rr}	
			V _{PK} (V)	A _{AV} (A)			°C	A _{PK} (A)			μA	A _{PK} (V)	V _{PK} (V)	ns
R1200	R1200	1200	0.2	75	25	5	0.2	2	-	DO-41				
R1500	R1500	1500	0.2	75	25	5	0.2	2	-	DO-41				
R1800	R1800	1800	0.2	75	25	5	0.2	2	-	DO-41				
R2000	R2000	2000	0.2	75	25	5	0.2	2	-	DO-41				
R3000	R3000	3000	0.2	50	25	5	0.2	3	-	DO-15				
R4000	R4000	4000	0.2	50	15	5	0.2	5	-	DO-15				
R5000	R5000	5000	0.2	50	15	5	0.2	5	-	DO-15				
R1200F	R1200F	1200	0.2	75	25	5	0.2	2	500	DO-41				
R1500F	R1500F	1500	0.2	75	25	5	0.2	2	500	DO-41				
R1800F	R1800F	1800	0.2	75	25	5	0.2	2	500	DO-41				
R2000F	R2000F	2000	0.2	75	25	5	0.2	2	500	DO-41				
R3000F	R3000F	3000	0.2	50	25	5	0.2	4	500	DO-15				
R4000F	R4000F	4000	0.2	50	15	5	0.2	5	500	DO-15				
R5000F	R5000F	5000	0.2	50	15	5	0.2	5	500	DO-15				

2. HIGH-VOLTAGE DIODES

Device	V _R (V)	I _{AV} (A)	V _F (V)	I _R (μA)	t _{rr} (ns)	Package
HVM5-350	5000	0.35	8	10	-	HVM
HVM8-350	8000	0.35	9	10	-	HVM
HVM10-350	10000	0.35	12	10	-	HVM
HVM12-350	12000	0.35	12	10	-	HVM
HVM14-350	14000	0.35	14	10	-	HVM

HVM15-350	15000	0.35	14	10	-	HVM
HVM16-350	16000	0.35	14	10	-	HVM
HVM18-350	18000	0.35	14	10	-	HVM
UHVM6-350	6000	0.35	24	500	200	HVM
UHVM7-350	7000	0.35	24	500	200	HVM
UHVM8-350	8000	0.35	24	500	200	HVM
UHVM9-350	9000	0.35	24	500	200	HVM
UHVM10-350	10000	0.35	24	500	200	HVM
HVM5-450	5000	0.45	8	10	-	HVM
HVM8-450	8000	0.45	9	10	-	HVM
HVM10-450	10000	0.45	12	10	-	HVM

3. HIGH-VOLTAGE DIODES

Device	V_R (V)	I_{AV} (A)	V_F (V)	I_R (μ A)	t_{tr} (ns)	Package
HVM12-450	12000	0.45	12	10	-	HVM
HVM14-450	14000	0.45	14	10	-	HVM
HVM15-450	15000	0.45	14	10	-	HVM
HVM16-450	16000	0.45	14	10	-	HVM
HVM18-450	18000	0.45	14	10	-	HVM
UHVM6-450	6000	0.45	24	500	200	HVM
UHVM7-450	7000	0.45	24	500	200	HVM
UHVM8-450	8000	0.45	24	500	200	HVM
UHVM9-450	9000	0.45	24	500	200	HVM
UHVM10-450	10000	0.45	24	500	200	HVM

4. HIGH-VOLTAGE DIODES

Device	V_{PM} (kV)		V_{PM} (kV)		I_{RM} (μ A)	Package
	10 μ A	10 μ A	100 μ A	100 μ A		
HVR-2X062H	6	1.7	7min	2.1 - 2.8	10	HVR

STYLE



