

Fast-Recovery Rectifier Diodes 1300V and over

$t_{rr} \textcircled{1}$: $I_F/I_R (=I_F)$ 90% Recovery Point
 (ex. $I_F/I_R = 100\text{mA}/100\text{mA}$ 90% Recovery Point)
 $t_{rr} \textcircled{2}$: $I_F/I_R (=2 I_F)$ 75% Recovery Point
 (ex. $I_F/I_R = 100\text{mA}/200\text{mA}$ 75% Recovery Point)

V_{RM} (V)	Package	Part Number	I_F (AV) (A) () Is with Heatsink	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	T_J (°C)	T_{stg} (°C)	V_F (V) max	I_F (A)	I_R (μA) $V_R = V_{RM}$ max	I_R (H) (μA) $V_R = V_{RM}$ max	T_a (°C)	$t_{rr} \textcircled{1}$ (μs)		$t_{rr} \textcircled{2}$ (μs)		$R_{th(j-\theta)}$ (°C/W)	Mass (g)	Fig. No.	Page where this curve is shown
												I_F/I_{FP} (mA)	I_F/I_{FP} (mA)						
1300	Axial	RH 2D	1.0	60	-40 to +150	1.0	1.0	10	500	100	4	10/10	1.3	100/200	12	0.6	4	93	
		RU 4D	1.2 (1.5)	50	-40 to +150	1.8	1.5	50	500	100	0.4	500/500	0.18	500/1000	8	1.2	6	94	
		RU 4DS	1.5 (2.5)	50	-40 to +150	1.8	3.0	50	500	100	0.4	500/500	0.18	500/1000	8	1.2			
1500	Axial	ES01F	0.5	20	-40 to +150	2.0	0.5	10	200	100	1.5	10/10	0.6	10/20	20	0.2	1	54	
		ES 1F	0.5	20	-40 to +150	2.0	0.5	10	200	100	1.5	10/10	0.6	10/20	17	0.3	2	55	
		RH 10F	0.8	60	-40 to +150	1.0	1.0	10	500	100	4	10/10	1.3	100/200	15	0.4	3		
		RH 2F	1.0	60	-40 to +150	1.0	1.0	10	500	100	4	10/10	1.3	100/200	12	0.6	4		
		RS 3FS	2.0	50	-40 to +150	1.1	3.0	50	500	100	2	100/100	0.8	100/200	10	1.0	5	93	
		RP 3F	2.0	50	-40 to +150	1.7	2.0	50	500	100	0.7	500/500	0.3	500/1000	10	1.0			
		RH 3F	2.5	50	-40 to +150	1.3	2.5	50	500	100	4	100/100	1.3	100/200	10	1.0			
		RH 4F	2.5	50	-40 to +150	1.5	2.5	10	350	100	4	100/100	1.3	100/200	8	1.2	6	94	
	RS 4FS	1.5 (2.5)	50	-40 to +150	1.5	3.0	50	500	100	1	100/100	0.4	100/200	8	1.2				
	Frame-2Pin	FMP-G2FS	5.0	50	-40 to +150	2.0	5.0	50	500	100	0.7	500/500	0.3	500/1000	4.0	2.1			
		FMQ-G1FS	5.0	50	-40 to +150	5.0	5.0	50	500	150	0.7	500/500	0.3	500/1000	4.0	2.1			95
		FMQ-G2FS	10	50	-40 to +150	2.8	10	50	500	150 (T _J)	0.5	500/500	0.2	500/1000	4.0	2.1			96
		FMU-G2FS	10	50	-40 to +150	1.6	10	50	6000	150 (T _J)	0.6	500/500	0.25	500/1000	4.0	2.1			
		FMQ-G2FLS	10	50	-40 to +150	1.8	10	50	500	150 (T _J)	1.2	500/500	0.4	500/1000	4.0	2.1			95
FMQ-G2FMS		10	50	-40 to +150	2.4	10	50	500	150	0.5	500/500	0.25	500/1000	4.0	2.1				
FMQ-G5FMS		10	50	-40 to +150	2.4	10	50	500	100	0.5	500/500	0.2	500/1000	2	6.5	8	96		
FMV-G5FS	10	50	-40 to +150	1.5	10	50	700	100	2.0	500/500	0.8	500/1000	2	6.5			97		
1600	Axial	RH 3G	2.5	50	-40 to +150	1.3	2.5	50	500	100	4	100/100	1.3	100/200	10	1.0	5	93	
1700	Frame-2Pin	FMQ-G5GS	10	50	-40 to +150	2.7	10	100	500	100	0.5	500/500	0.2	500/1000	2	6.5	8	96	
1800	Frame-2Pin	FMP-G5HS	8.0	50	-40 to +150	2.0	8	25	250	100	1.0	500/500	0.4	500/1000	2	6.5			
		FMR-G5HS	10	50	-40 to +150	1.6	10	20	200	100	1.8	500/500	0.7	500/1000	2	6.5	8	96	
2000	Axial	RC 2	0.2	20	-40 to +150	2.0	0.2	10	300	100	4.0	10/10	1.3	10/20	15	0.4	3	56	

External Dimensions Flammability: UL94V-0 or Equivalent (Unit: mm)

