

Fast-Recovery Rectifier Diodes 600V

$t_{rr} \textcircled{1}$: $I_F/I_R (=I_F)$ 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 (μ A) $V_R = V_{RM}$ max	I_R (H) (μ A) $V_R = V_{RM}$ max	T_a (°C)	$t_{rr} \textcircled{1}$ (μ s)	I_F/I_{FP} (mA)	$t_{rr} \textcircled{2}$ (μ s)	I_F/I_{FP} (mA)	$R_{th} (j-\ell)$ $R_{th} (j-c)$ (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
600	Axial	EU01A	0.25	15	-40 to +150		2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	20	0.2	2	54
		EU 1A	0.25	15	-40 to +150		2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	17	0.3	1	55
		RU 1A	0.25	15	-40 to +150		2.5	0.25	10	200	100	0.4	10/10	0.18	10/20	15	0.4	4	57
		AU01A	0.5	15	-40 to +150		1.7	0.5	10	150	100	0.4	10/10	0.18	10/20	22	0.13	1	54
		AS01A	0.6	20	-40 to +150		1.5	0.6	10	50	100	1.5	10/10	0.6	10/20	22	0.13		
		EH 1A	0.6	30	-40 to +150		1.35	0.6	10	200	150	4	10/10	1.3	10/20	17	0.3	3	55
		RF 1A	0.6	15	-40 to +150		2.0	0.6	10	200	100	0.4	10/10	0.18	10/20	15	0.4	4	56
		RH 1A	0.6	35	-40 to +150		1.3	0.6	5	70	150	4	10/10	1.3	10/20	15	0.4		
		ES 1A	0.7	30	-40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.2	2	55
		ES01A	0.7	30	-40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.2		
		RS 1A	0.7	30	-40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.4	4	56
		AU02A	0.8	25	-40 to +150		1.3	0.8	10	250	100	0.4	10/10	0.18	10/20	22	0.13	1	54
		EU02A	1.0	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2	2	55
		EU 2A	1.0	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	17	0.3	3	
		RU 2	1.0	20	-40 to +150		1.5	1.0	10	300	100	0.4	10/10	0.18	10/20	15	0.4	4	57
		RU 2AM	1.1	20	-40 to +150		1.2	1.1	10	300	100	0.4	10/10	0.18	10/20	15	0.4		
		RU 20A	1.5	50	-40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	15	0.4		
		RU 3A	1.5	20	-40 to +150		1.5	1.5	10	400	100	0.4	10/10	0.18	10/20	12	0.6	5	58
		RU 3AM	1.5	50	-40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	12	0.6		
		RU 30A	2.0	200	-40 to +150		0.95	2.0	10	300	100	0.4	100/100	0.18	100/200	10	1.0	6	
		RU 31A	3.0	150	-40 to +150		1.2	3.0	50	500	100	0.4	100/100	0.18	100/200	10	1.0		
		RU 4A	1.5 (3.0)	50	-40 to +150		1.5	3.0	10	300	100	0.4	10/10	0.18	10/20	8	1.2	7	59
		RU 4AM	2.0 (3.5)	70	-40 to +150		1.3	3.5	10	300	100	0.4	100/100	0.18	100/200	8	1.2		
	Frame-2Pin	FMU-G16S	5.0	30	-40 to +150		1.25	5.0	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1	8	60
		FMU-G26S	10	40	-40 to +150		1.35	10	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1		
	Center-tap	FMU-16S, R	5.0	30	-40 to +150		1.5	2.5	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1	9	60
		FMU-26S, R	10	40	-40 to +150		1.5	5.0	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1		
		FMU-36S, R	20	80	-40 to +150		1.5	10	50	500	100	0.4	100/100	0.18	100/200	2.0	5.5	10	61

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

