

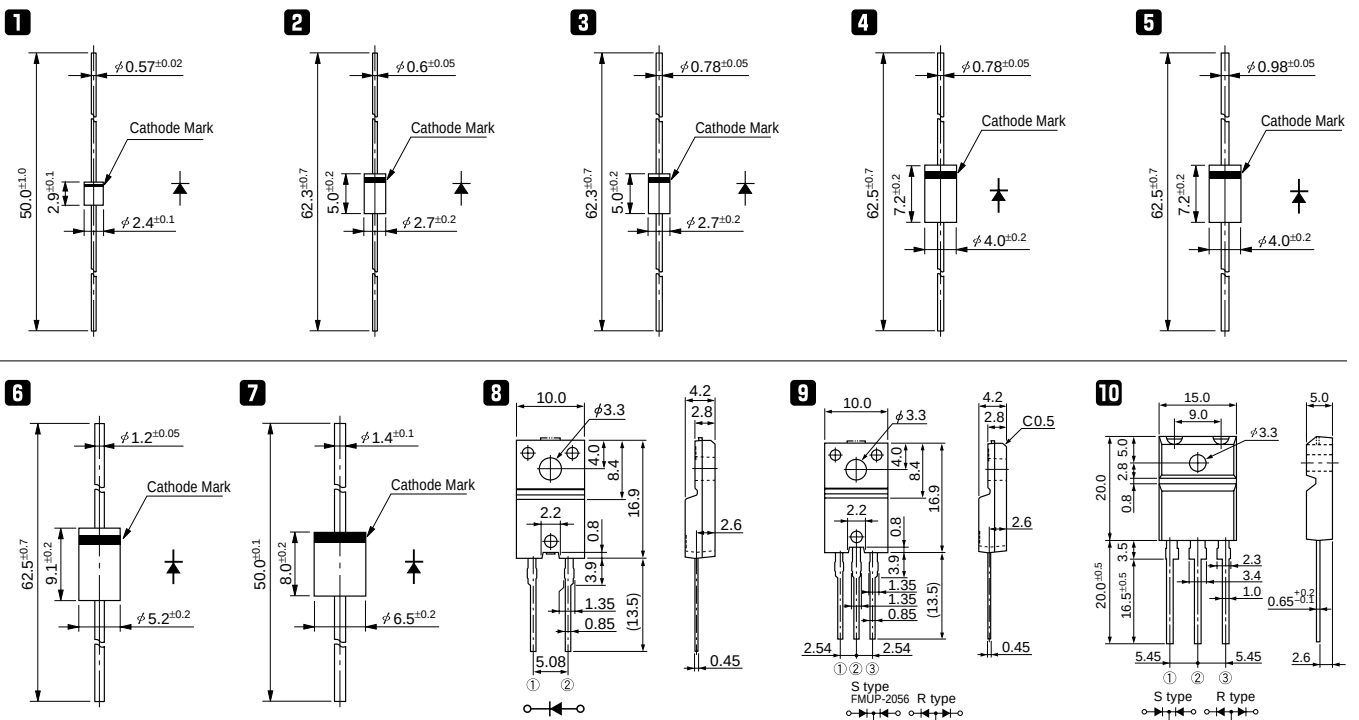
Fast-Recovery Rectifier Diodes 600V

trr ①: I_F/I_R (=I_F) 90% Recovery Point
(ex. I_F/I_R = 100mA/100mA 90% Recovery Point)
trr ②: I_F/I_R (=2 I_F) 75% Recovery Point
(ex. I_F/I_R = 100mA/200mA 75% Recovery Point)

V _{RM} (V)	Package	Part Number	I _F (A) () is with Heatsink	I _{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	T _J (°C)	Tstg (°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} ① (μs) I _F /I _{FP} (mA)	t _{rr} ② (μs) I _F /I _{FP} (mA)	R _{th} (j-ℓ) 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	55
		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	56
		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	58
		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	55
		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	1	55
		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	56
		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	57
		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	4	57
		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	56
		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	2	55
		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	57
		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	55
		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	56
		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	56
		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	58
		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	4	58
		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	4	58
		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	59
		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	5	59
		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	59
		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	6	59
		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	60
		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	7	60
	Frame-2Pin	FMUP-1056	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	61
		FMUP-1106	10	40	-40 to +150	1.35	10	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1	8	61
	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	61
		FMUP-2056★	5.0	30	-40 to +150	1.5	2.5	50	500	100 (T _J)	0.4	100/100	0.18	100/200	4.0	2.1	9	61
		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	9	62
		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	62

★: Under development

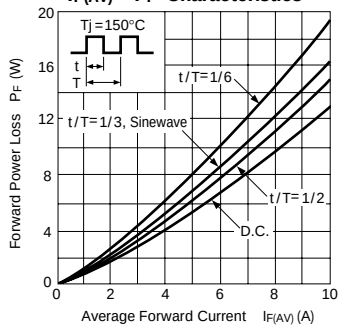
External Dimensions Flammability: UL94V-0 or Equivalent (Unit: mm)



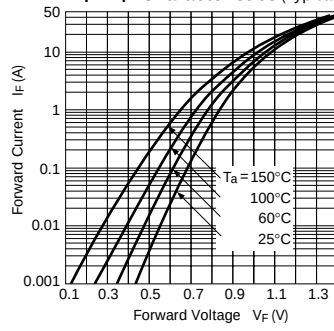
Fast-Recovery Rectifier Diodes

FMU-2 series

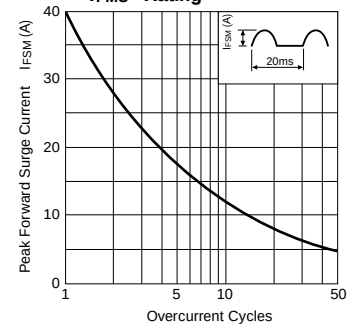
$I_F(AV)$ — P_F Characteristics



V_F — I_F Characteristics (Typical)

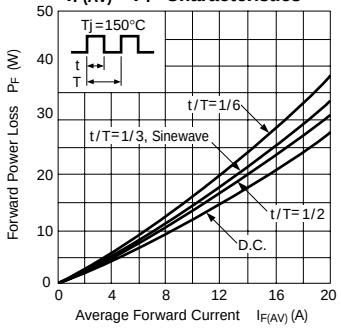


I_{FSM} Rating

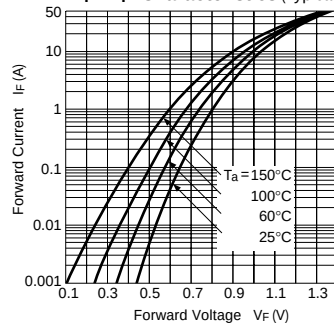


FMU-3 series

$I_F(AV)$ — P_F Characteristics



V_F — I_F Characteristics (Typical)



I_{FSM} Rating

