

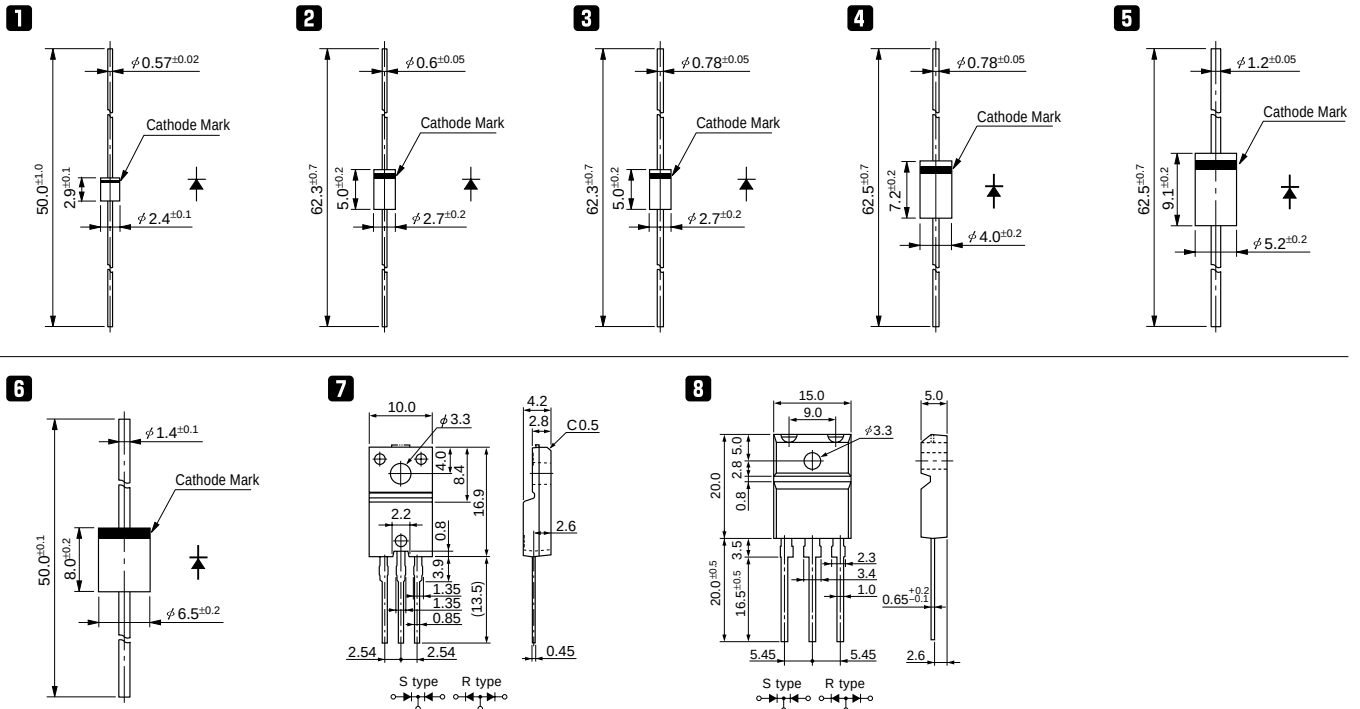
Fast-Recovery Rectifier Diodes 200V

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

V _{RM} (V)	Package	Part Number	I _F (A) () is with Heatsink	I _{FSM} (A)	T _j (°C)	Tstg (°C)	V _F (V) max	I _F (A)	I _R (μA)	I _R (H) (μA)	Ta (°C)	trr ① (μs)		trr ② (μs)		R _{th} (j-ℓ) R _{th} (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
				50Hz Half-cycle Sinewave Single Shot					V _R =V _{RM} max	V _R =V _{RM} max		I _F /I _{FP} (mA)	I _F /I _{FP} (mA)						
200	Axial	EU01Z	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 1Z	0.25	15	−40 to +150	2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	17	0.3	3	55	
		AU01Z	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	
		AS01Z	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 1Z	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 1Z	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 1Z	0.6	35	−40 to +150	1.3	0.6	5	70	150	4	10/10	1.3	10/20	15	0.4			
		ES01Z	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	54	
		ES 1Z	0.7	30	−40 to +150	2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	17	0.3	3	55	
		AU02Z	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	
		EU02Z	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 2Z	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 2Z	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 30Z	1.5 (3.5)	80	−40 to +150	0.97	3.5	10	300	100	0.4	10/10	0.18	10/20	10	1.0	5	58	
		RU 4Z	2.0 (3.5)	70	−40 to +150	1.3	3.5	10	300	100	0.4	10/10	0.18	10/20	8	1.2	6	59	
	Center-tap	FMU-12S, 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	7	60	
		FMU-22S, 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-32S, R	20	80	−40 to +150	1.5	10	50	500	100	0.4	100/100	0.18	100/200	2.0	5.5	8	61	

External Dimensions

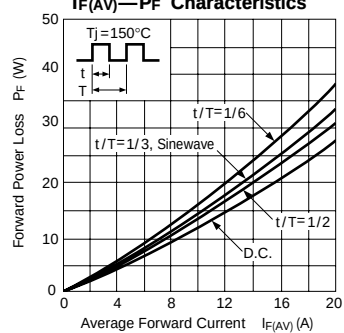
Flammability: UL94V-0 or Equivalent (Unit: mm)



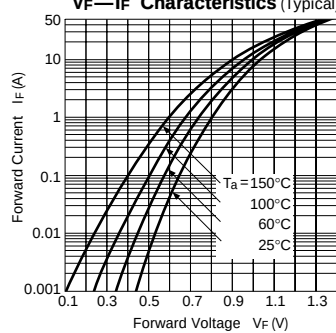
Fast-Recovery Rectifier Diodes

FMU-3 series

$I_F(AV)$ — P_F Characteristics



V_F — I_F Characteristics (Typical)



I_{FMS} Rating

