

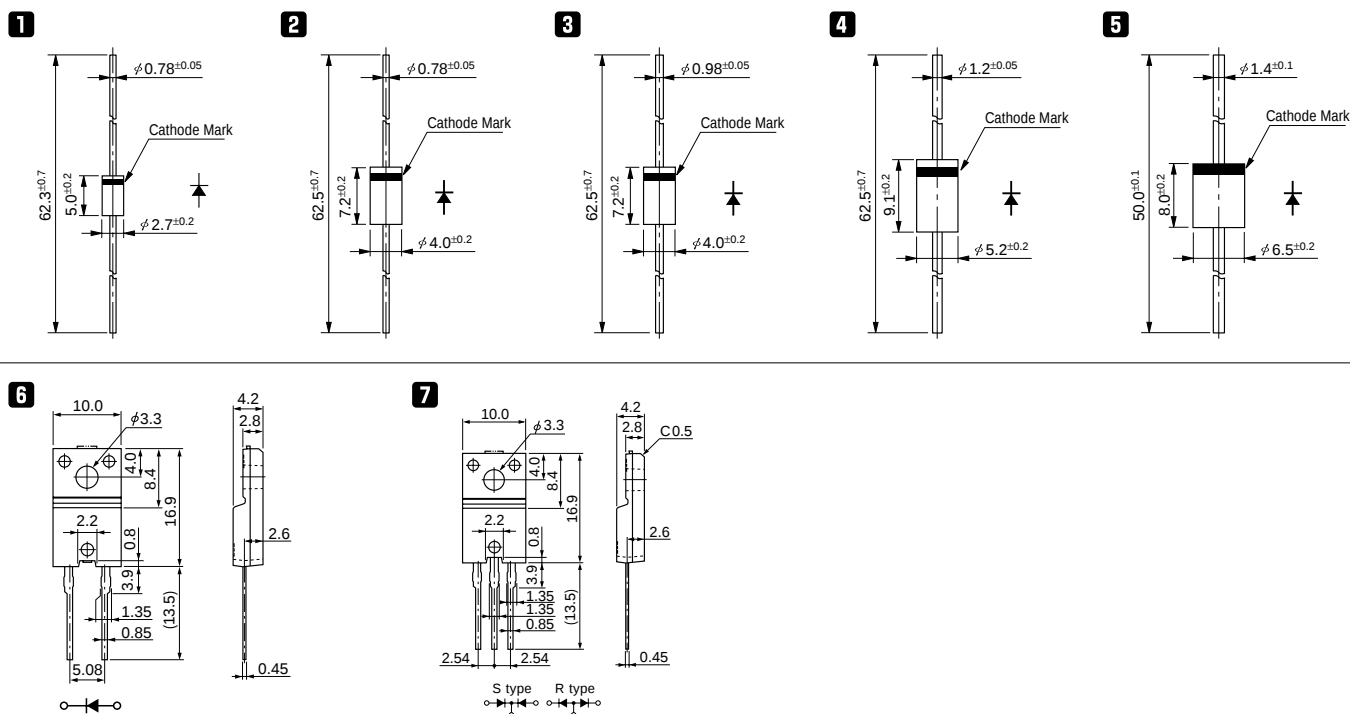
Fast-Recovery Rectifier Diodes 100V

$t_{rr} \text{ ①: } I_F/I_R (=I_F) \text{ 90\% Recovery Point}$
 (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 (AV) (A)	I _{FSM} (A)	T _j (°C)	T _{stg} (°C)	V _F (V)	I _F (A)	I _R (μA)	I _R (H) (μA)	T _a (°C)	t _{rr} ① (μs)		t _{rr} ② (μs)		R _{th} (j-ℓ) R _{th} (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
			() is with Heatsink	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)						
100	Axial	EU 2YX	1.2	25	−40 to +150	0.9	1.2	10	300	100	0.2	10/10	0.08	10/20	17	0.3	❶	56	
		RU 2YX	1.5	30	−40 to +150	0.95	1.5	10	300	100	0.2	10/10	0.08	10/20	15	0.4	❷	57	
		RU 3YX	2.0	50	−40 to +150	0.95	2.0	10	300	100	0.2	10/10	0.08	10/20	12	0.6	❸	58	
		RU 30Y	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	❹		
		RU 4Y	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	❺	59	
		RU 4YX	2.2 (4.0)	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-G2YXS	10	100	−40 to +150	1.0	10	50	500	100	0.2	100/100	0.08	100/200	4.2	2.1	❻	60	
	Center-tap	FMU-21S, 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	❼	60	

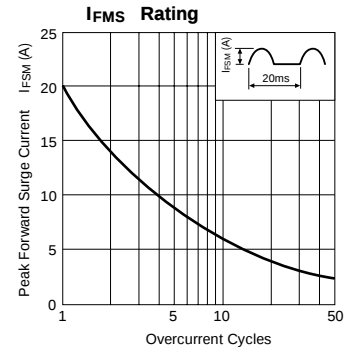
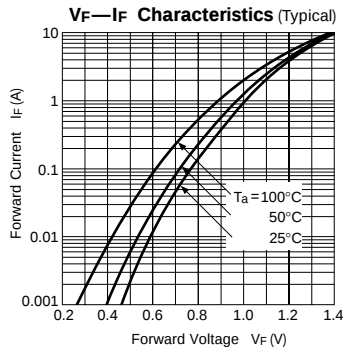
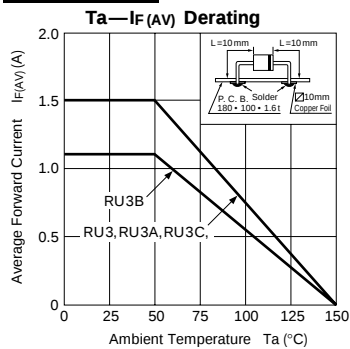
External Dimensions

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

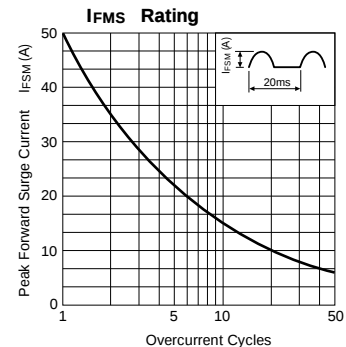
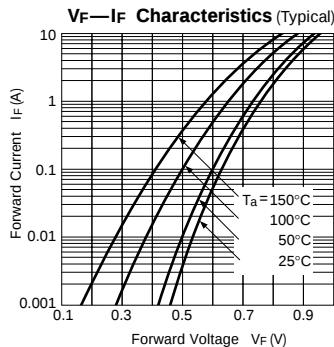
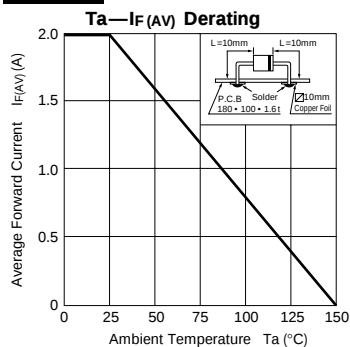


Fast-Recovery Rectifier Diodes

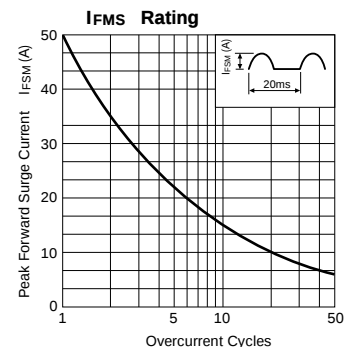
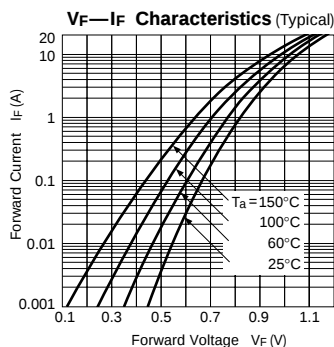
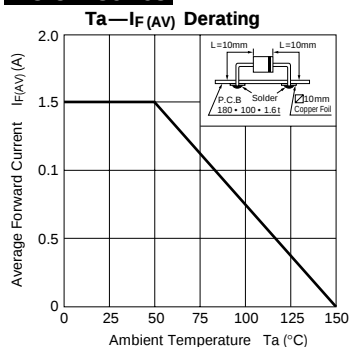
RU 3 series



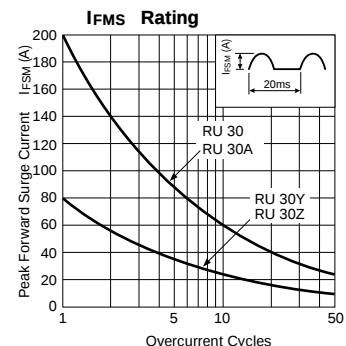
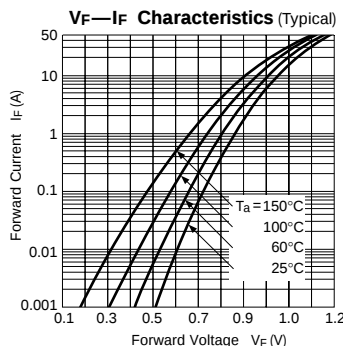
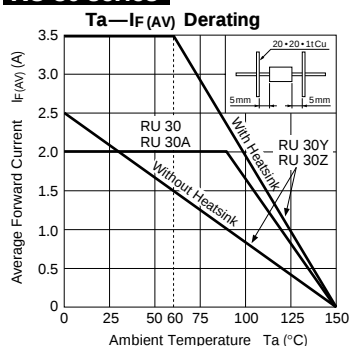
RU 3YX



RU 3M series



RU 30 series



RU 31, 31A

