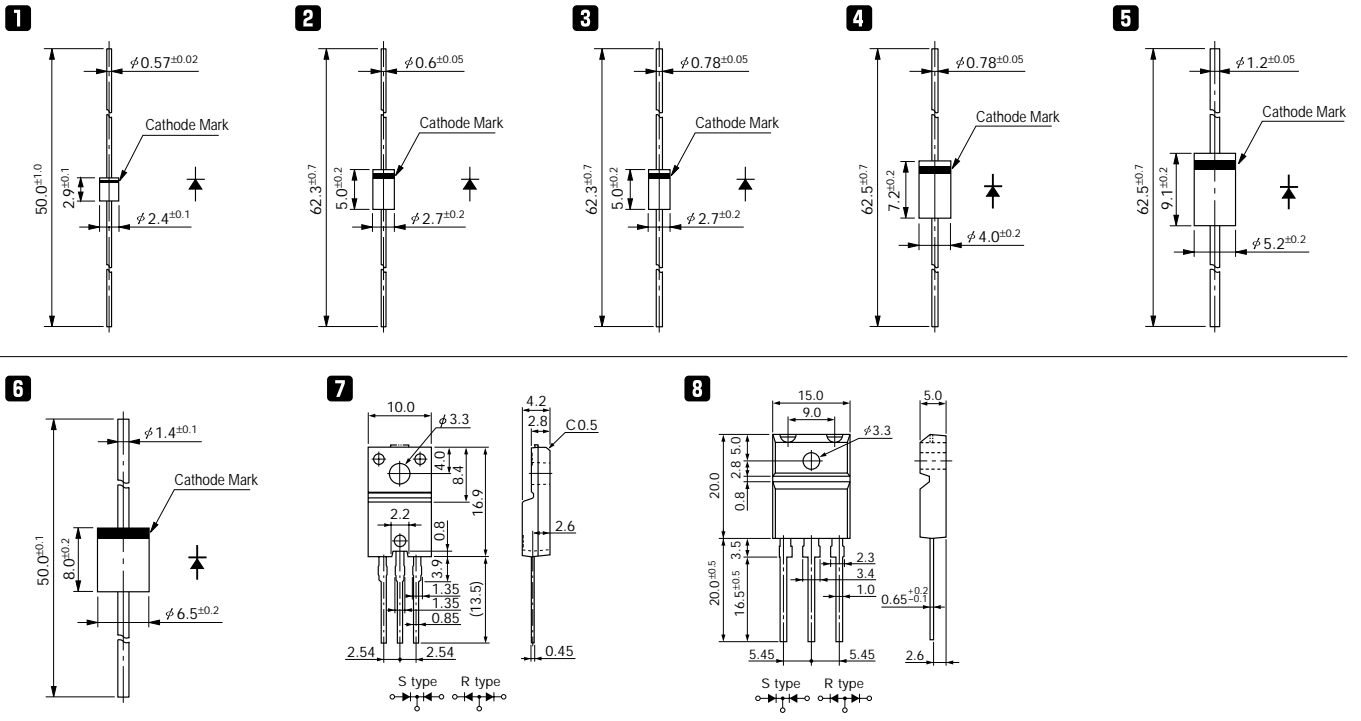


# Fast-Recovery Rectifier Diodes 200V

$t_{rr} \textcircled{1}$ :  $I_F/I_R (=I_F)$  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)

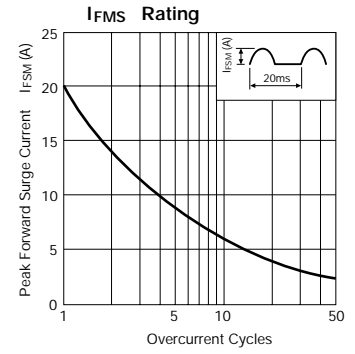
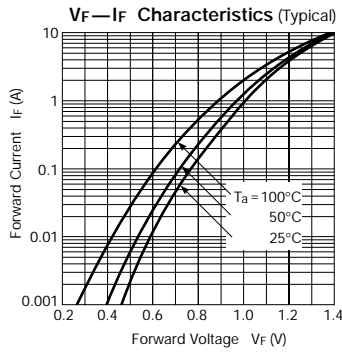
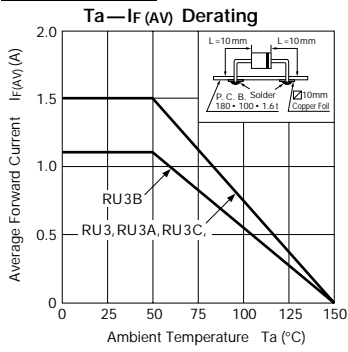
$V_{RM}$ (V)	Package	Part Number	$I_F$ (AV) (A) ( ) is with Heatsink	$I_{FSM}$ (A) 50Hz Half-cycle Sinewave Single Shot	$T_j$ (°C)	$T_{stg}$ (°C)	$V_F$ (V) max	$I_F$ (A)	$I_R$ ( $\mu$ A) $V_R = V_{RM}$ max	$I_R$ (H) ( $\mu$ A) $V_R = V_{RM}$ max	$T_a$ (°C)	$t_{rr} \textcircled{1}$ ( $\mu$ s)		$t_{rr} \textcircled{2}$ ( $\mu$ s)		$R_{th} (j-l)$ $R_{th} (j-c)$ (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
												$I_F/I_{FP}$ (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	<b>2</b>	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	<b>3</b>	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	<b>1</b>	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	<b>1</b>	54	
		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	<b>3</b>	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	<b>4</b>	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	<b>4</b>	56	
		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	<b>2</b>	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	<b>3</b>	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	<b>1</b>	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	<b>2</b>	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	<b>3</b>	55	
		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	<b>4</b>	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	<b>5</b>	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	<b>6</b>	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	<b>7</b>	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	<b>7</b>	60		
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	<b>8</b>	61		

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

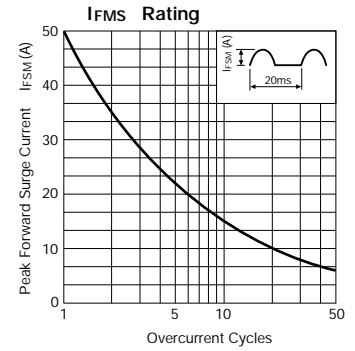
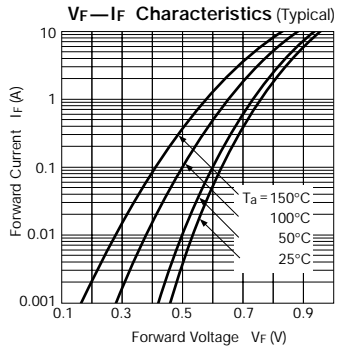
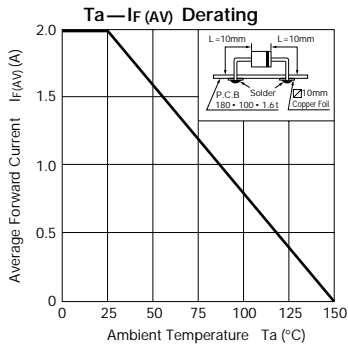


# Fast-Recovery Rectifier Diodes

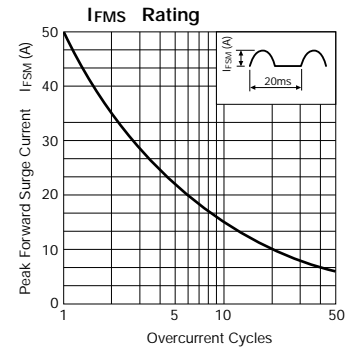
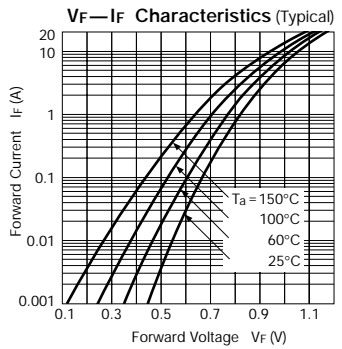
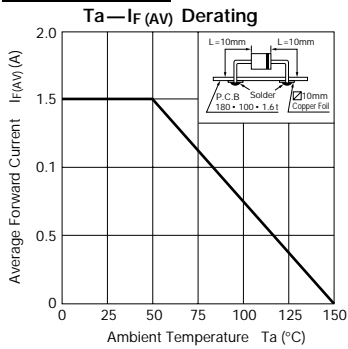
## RU 3 series



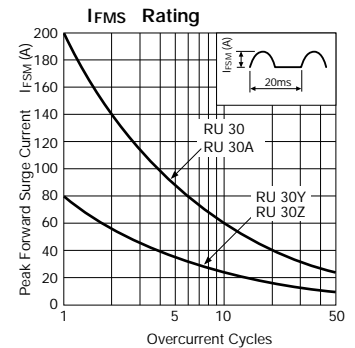
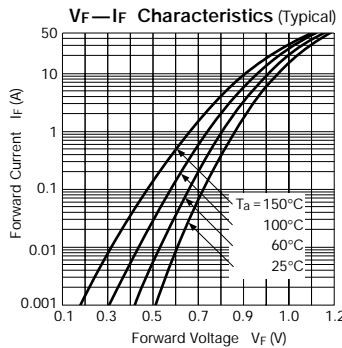
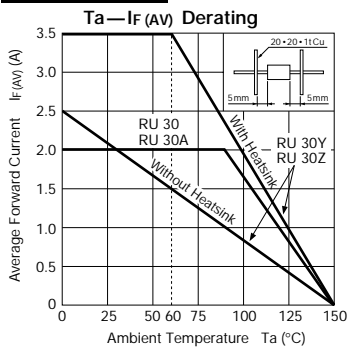
## RU 3YX



## RU 3M series



## RU 30 series



## RU 31, 31A

