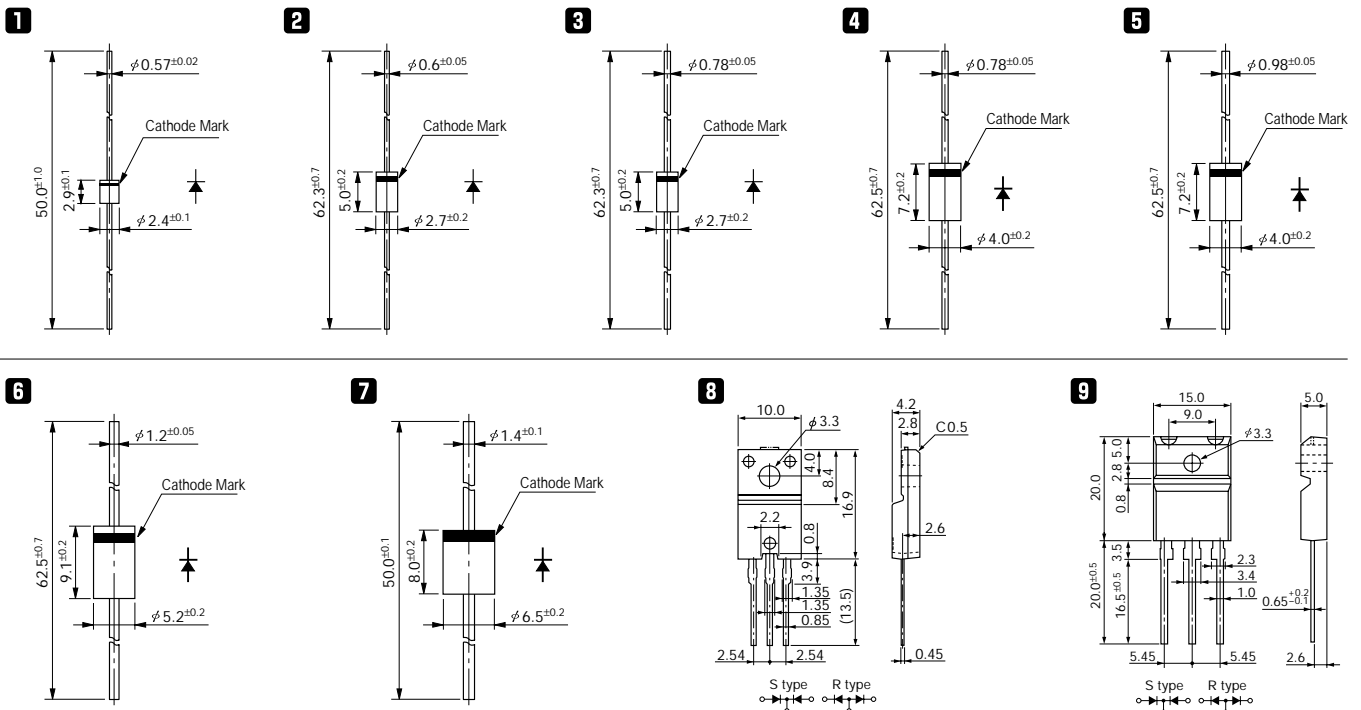


# Fast-Recovery Rectifier Diodes 400V

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

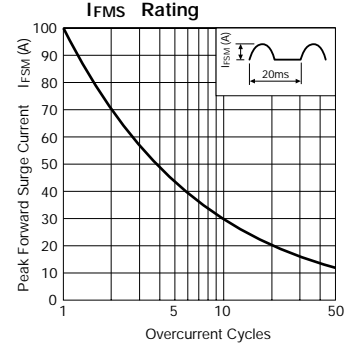
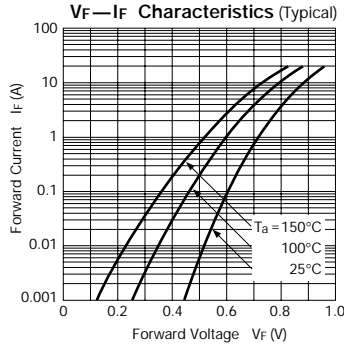
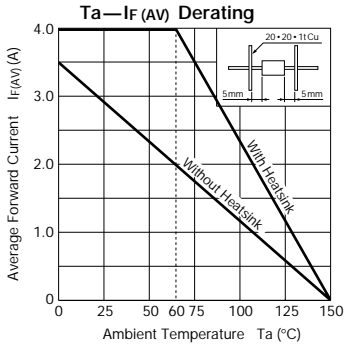
$V_{RM}$ (V)	Package	Part Number	$I_F$ (AV) (A) ( ) is with Heatsink	$I_{FSM}$ (A) 50Hz Half-cycle Sine-wave Single Shot	$T_j$ (°C)	$T_{stg}$ (°C)	$V_F$ (V) max	$I_F$ (A)	$I_R$ ( $\mu$ A) $V_R = V_{RM}$ max	$I_R$ (H) ( $\mu$ A) $V_R = V_{RM}$ max	$T_a$ (°C)	$t_{rr} \textcircled{1}$ ( $\mu$ s)		$t_{rr} \textcircled{2}$ ( $\mu$ 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)						
400	Axial	EU01	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 1	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	
		RU 1	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	
		AU01	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	
		AS01	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	54	
		EH 1	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 1	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 1	0.6	35	-40 to +150	1.3	0.6	5	70	150	4	10/10	1.3	10/20	15	0.4	4	56	
		ES 1	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	
		ES01	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	
		AU02	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	
		EU02	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 2	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	55	
		RU 2M	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	57	
		RU 3	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 3M	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	58	
		RU 30	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	58	
		RU 31	3.0	150	-40 to +150	1.2	3.0	50	500	100		100/100	0.18	100/200	10	1.0	6	58	
		RU 4	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 4M	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	59		
	Center-tap	FMU-14S, 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	8	60	
FMU-24S, 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	8	60		
FMU-34S, R		20	80	-40 to +150	1.5	10	50	500	100	0.4	100/100	0.18	100/200	2.0	5.5	9	61		

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

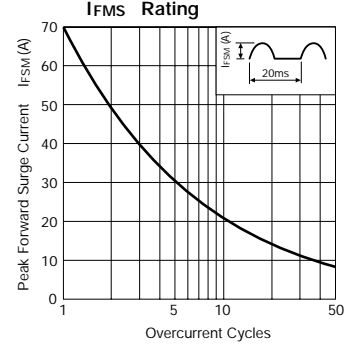
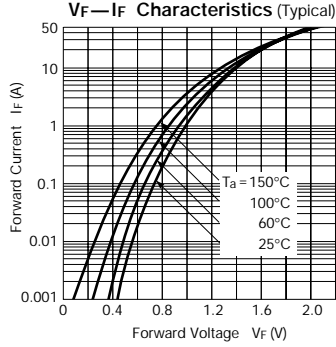
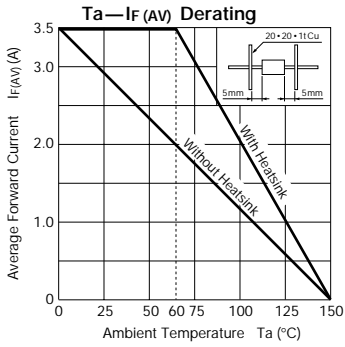


# Fast-Recovery Rectifier Diodes

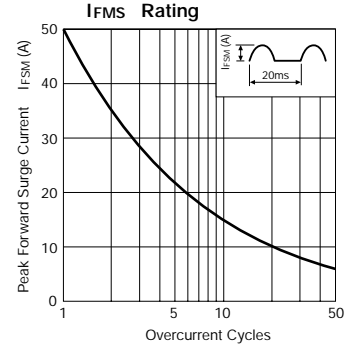
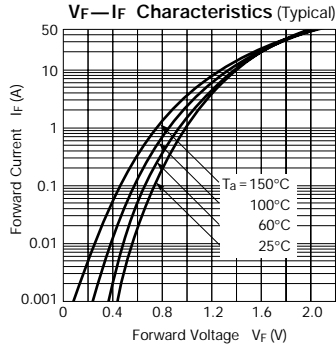
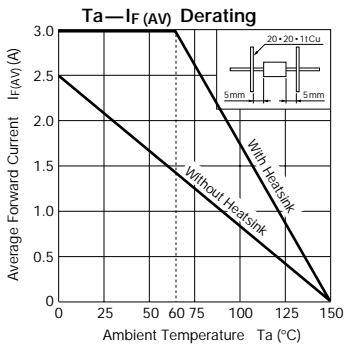
## RU 4YX



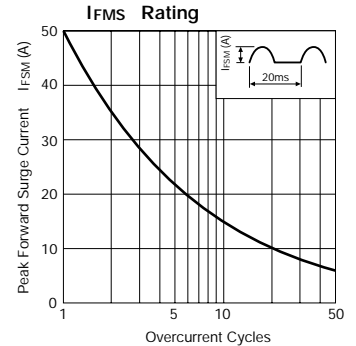
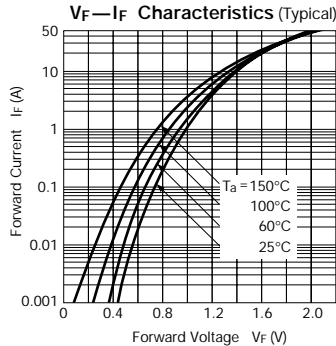
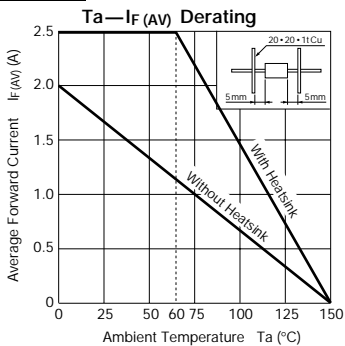
## RU 4Y, 4Z



## RU 4, 4A, 4B



## RU 4C



## RU 4M series

