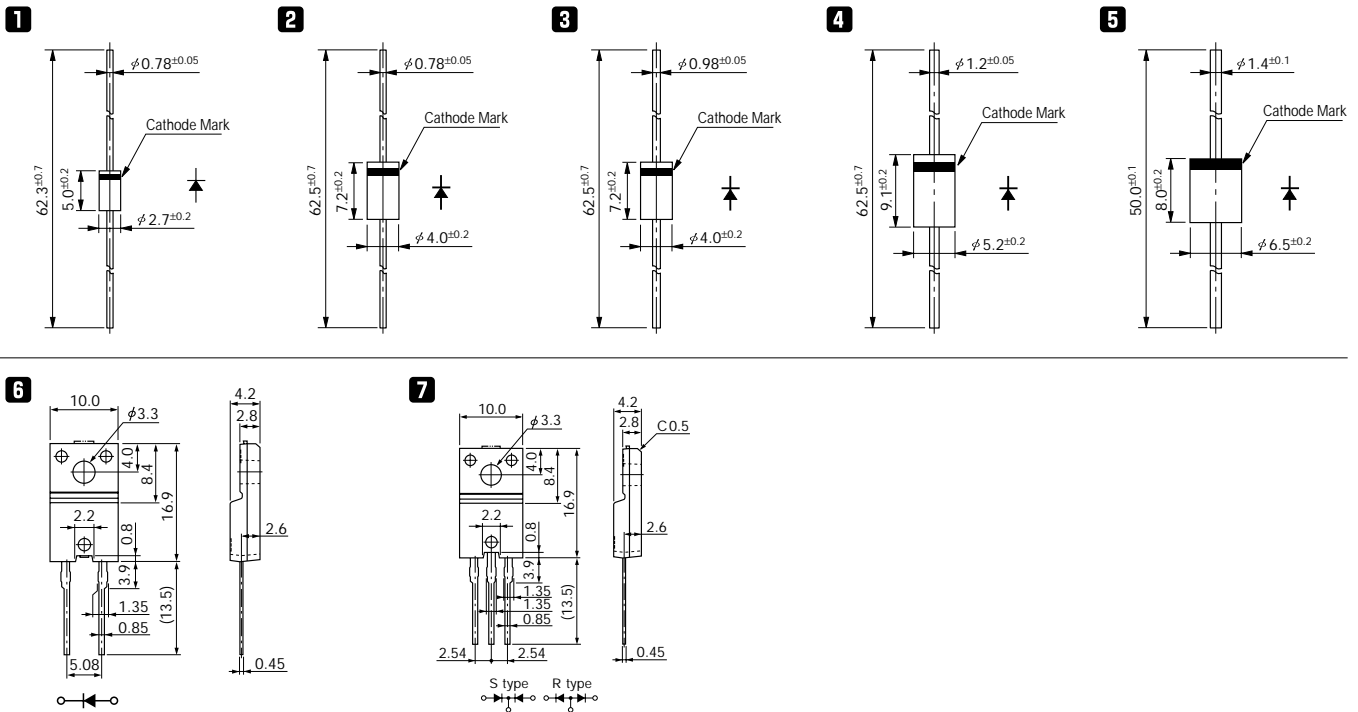


# Fast-Recovery Rectifier Diodes 100V

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

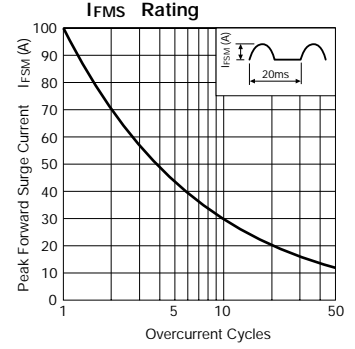
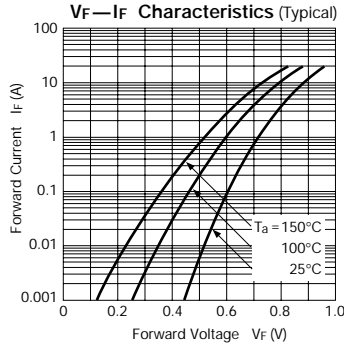
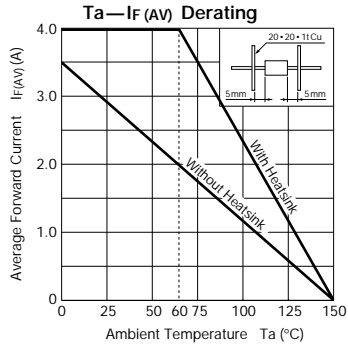
$V_{RM}$ (V)	Package	Part Number	$I_F$ (AV) (A) ( ) is with Heatsink	$I_{FSM}$ (A) 50Hz Half-cycle Sinewave Single Shot	$T_j$ (°C)	$T_{stg}$ (°C)	$V_F$ (V) max	$I_F$ (A)	$I_R$ ( $\mu$ A)		$T_a$ (°C)	$t_{rr} \textcircled{1}$ ( $\mu$ s)		$t_{rr} \textcircled{2}$ ( $\mu$ s)		$R_{th(j-l)}$ $R_{th(j-c)}$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

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

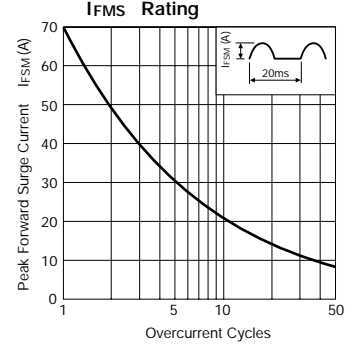
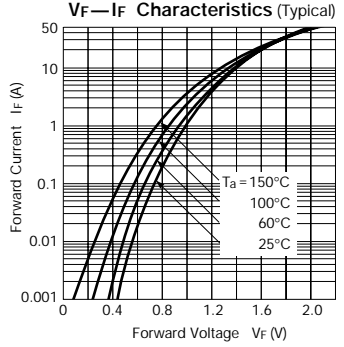
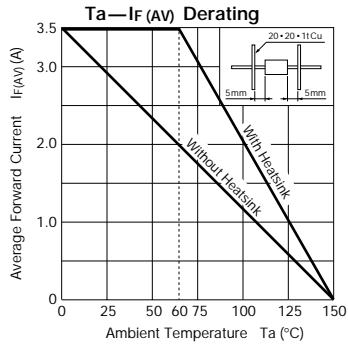


# Fast-Recovery Rectifier Diodes

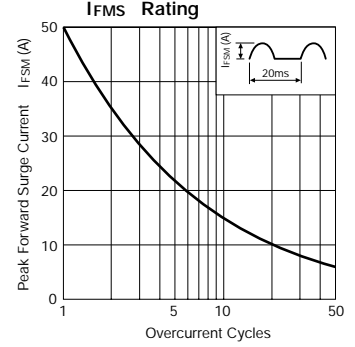
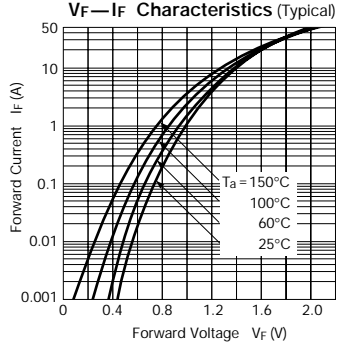
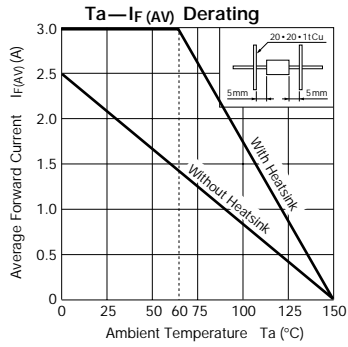
## RU 4YX



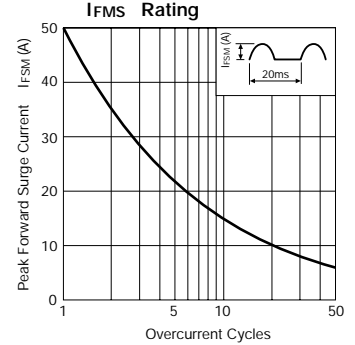
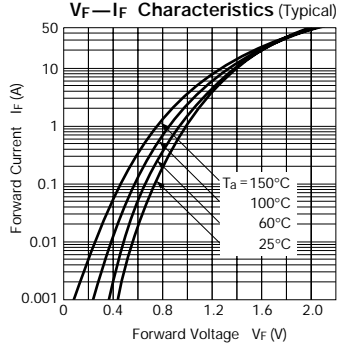
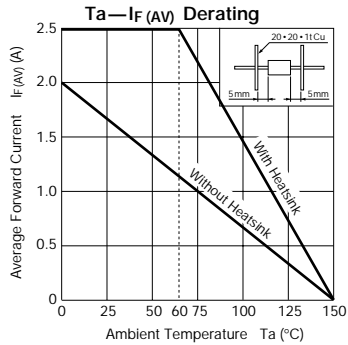
## RU 4Y, 4Z



## RU 4, 4A, 4B



## RU 4C



## RU 4M series

