

# Ultra-Fast-Recovery Rectifier Diodes 1200V and over

$t_{rr} \textcircled{1}$ :  $I_F/I_R (=I_F)$  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 <sub>RM</sub> (V)	Package	Part Number	I <sub>F</sub> (AV) (A)	I <sub>FSM</sub> (A)	T <sub>j</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V) max	I <sub>F</sub> (A)	I <sub>R</sub> (μA)	I <sub>R</sub> (H) (mA)	T <sub>a</sub> (°C)	t <sub>rr</sub> ① (ns)		t <sub>rr</sub> ② (ns)		R <sub>th</sub> (j-ℓ) R <sub>th</sub> (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
				50Hz Half-cycle Sinewave Single Shot					V <sub>R</sub> = V <sub>RM</sub> max	V <sub>R</sub> = V <sub>RM</sub> max		I <sub>F</sub> /I <sub>FP</sub> (mA)	I <sub>F</sub> /I <sub>FP</sub> (mA)						
1200	Frame-2Pin	FMC-26UA	3.0	50	-40 to +150	4.0	3.0	500	3.0	150 (Tj)	70	500/500	35	500/1000	4.0	2.1	1	73	
1600	Frame-2Pin	FMC-28UA	3.0	50	-40 to +150	6.0	3.0	100	0.5	150 (Tj)	70	500/500	35	500/1000	4.0	2.1			
2000	Axial	RP 1H	0.1	5	-40 to +150	7.0	0.1	2	0.01	100	100	10/10	50	10/20	15	0.4	2	66	

## External Dimensions

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

