








Rectifiers, Ultra Fast

1.0 to 6.0 Amperes

100 to 600 Volts

I_O (AMPS)	1.0		2.0	3.0		6.0
@ T_A (°C)	25	25	25	25	25	25
I_{FSM} (AMPS)	30	30	50	150	75	75
CASE	  SMA	 SMB	 SMC	  DPAK		
V_{RRM} (VOLTS)						
100	CMR1U-01M	CMR1U-01	CMR2U-01	CMR3U-01		
200	CMR1U-02M	CMR1U-02	CMR2U-02	CMR3U-02	CUD3-02	CUD6-02C
400	CMR1U-04M	CMR1U-04	CMR2U-04	CMR3U-04		
600	CMR1U-06M	CMR1U-06	CMR2U-06	CMR3U-06		

V_F MAX @ $I_F = I_O$						
100V	1.0V	1.0V	1.0V	1.0V		
200V	1.0V	1.0V	1.0V	1.0V	0.95V	1.25V
400V	1.25V	1.25V	1.25V	1.25V		
600V	1.4V	1.4V	1.4V	1.4V		

I_R MAX @ V_{RRM}	5.0 μ A	5.0 μ A	10 μ A	5.0 μ A	5.0 μ A	20 μ A
t_{rr} (100V thru 200V)	35ns	50ns	50ns	50ns	35ns	35ns
t_{rr} (400V)	50ns	50ns	50ns	50ns		
t_{rr} (600V)	75ns	100ns	50ns	100ns		