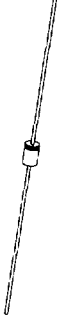

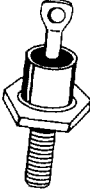



# Rectifiers, Ultra Fast

1.0 to 70 Amperes  
50 to 1000 Volts

IO (AMPS)	1.0	3.0	5.0	30	70
@ TA (°C)	75	55	55		
@ TC (°C)				120	120
IFSM (AMPS)	30	150	175	300	700
					
CASE	DO-41*	DO-201AD		DO-4**	DO-5**
VRRM (VOLTS)					
50	UF4001				
100	UF4002	CR3U-010	CR5U-010	CR30U-010	CR70U-010
200	UF4003	CR3U-020	CR5U-020	CR30U-020	CR70U-020
400	UF4004	CR3U-040	CR5U-040	CR30U-040	CR70U-040
600	UF4005			CR30U-060	CR70U-060
800	UF4006			CR30U-080	CR70U-080
1000	UF4007				

V <sub>F</sub> MAX @ I <sub>F</sub> = I <sub>O</sub>					
(50V thru 200V)	1.0V	1.0V	1.1V	0.975V	0.975V
(400V)	1.0V	1.0V	1.1V	1.2V	1.2V
(600V thru 1000V)	1.7V			1.3V	1.3V

I <sub>R</sub> MAX @ VRRM	10μA	10μA	10μA	25μA	25μA
t <sub>rr</sub> (50V thru 200V)	50ns	50ns	50ns	35ns	50ns
t <sub>rr</sub> (400V)	50ns	50ns	50ns	50ns	75ns
t <sub>rr</sub> (600V thru 1000V)	75ns			75ns	100ns

\* Also available in DO-41SP Case (0.6mm lead diameter) with Radial Tape and Reel (DO-41SP-RPCU). See page 239.

\*\* Standard polarity is cathode to case. For reverse polarity add "R" suffix to part number.