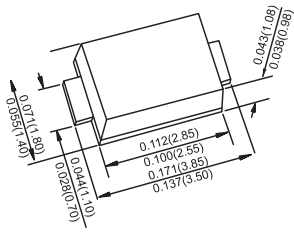
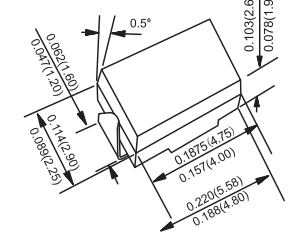
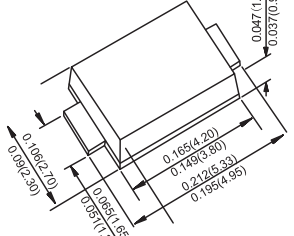
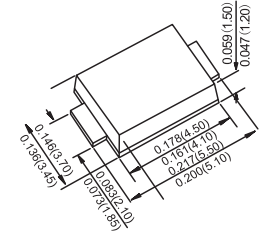
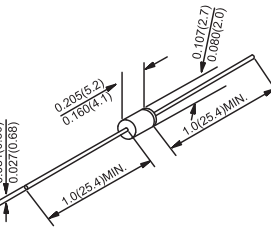
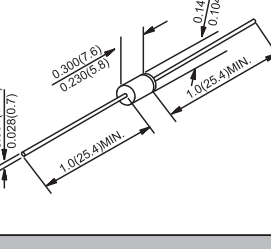
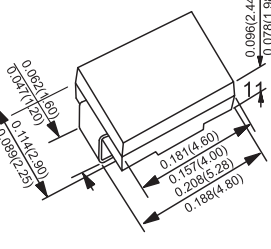
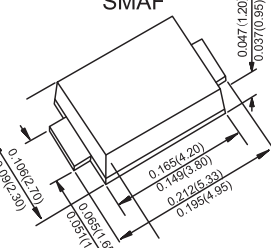


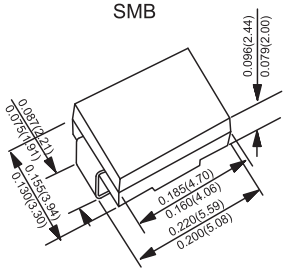
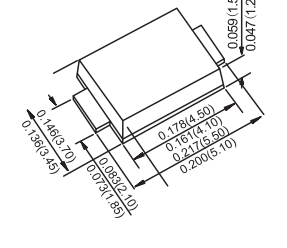
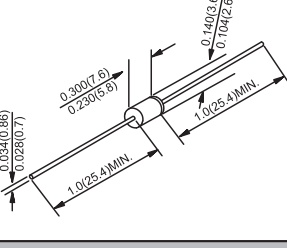
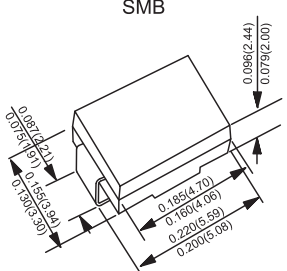
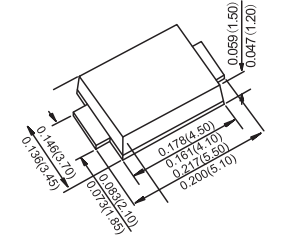
# Ultra Fast Recovery Rectifiers

Part No.	Peak Repetitive Reverse Voltage	Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current(t)	Forward Voltage Drop		Max. Reverse Current		Marking Code	Package
	$V_{RRM}$	trr	$I_O$	$I_{FSM}$	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	$\mu A$	V		
1A Ultra Fast Recovery Rectifiers										
US1001FL	100	50	1	30	1	1	5	100	U1B	
US1002FL	200	50	1	30	1	1	5	200	U1D	
US1004FL	400	50	1	30	1.3	1	5	400	U1G	
US1006FL	600	100	1	30	1.7	1	5	600	U1J	
US1008FL	800	100	1	30	1.7	1	5	800	U1K	
US1010FL	1000	100	1	30	1.7	1	5	1000	U1M	
US1AW	50	50	1	30	1	1	5	50	US1A	
US1BW	100	50	1	30	1	1	5	100	US1B	
US1DW	200	50	1	30	1	1	5	200	US1D	
US1GW	400	50	1	30	1.3	1	5	400	US1G	
US1JW	600	100	1	30	1.7	1	5	600	US1J	
US1KW	800	100	1	30	1.7	1	5	800	US1K	
US1MW	1000	100	1	30	1.7	1	5	1000	US1M	
US1A	50	50	1	30	1	1	5	50	US1A	
US1B	100	50	1	30	1	1	5	100	US1B	
US1D	200	50	1	30	1	1	5	200	US1D	
US1G	400	50	1	30	1.3	1	5	400	US1G	
US1J	600	100	1	30	1.7	1	5	600	US1J	
US1K	800	100	1	30	1.7	1	5	800	US1K	
US1M	1000	100	1	30	1.7	1	5	1000	US1M	
US1AF	50	50	1	30	1	1	5	50	US1AF	
US1BF	100	50	1	30	1	1	5	100	US1BF	
US1DF	200	50	1	30	1	1	5	200	US1DF	
US1GF	400	50	1	30	1.3	1	5	400	US1GF	
US1JF	600	100	1	30	1.7	1	5	600	US1JF	
US1KF	800	100	1	30	1.7	1	5	800	US1KF	
US1MF	1000	100	1	30	1.7	1	5	1000	US1MF	
UF1A	50	50	1	30	1	1	5	50	UF1A	
UF1B	100	50	1	30	1	1	5	100	UF1B	
UF1D	200	50	1	30	1	1	5	200	UF1D	
UF1G	400	50	1	30	1.3	1	5	400	UF1G	
UF1J	600	100	1	30	1.7	1	5	600	UF1J	
UF1K	800	100	1	30	1.7	1	5	800	UF1K	
UF1M	1000	100	1	30	1.7	1	5	1000	UF1M	

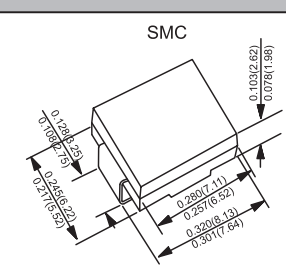
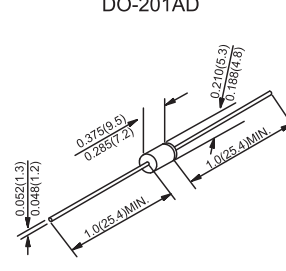
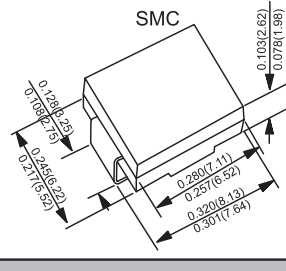
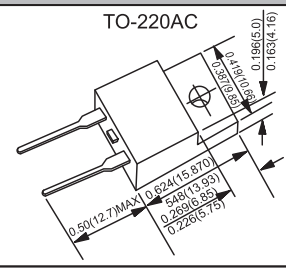
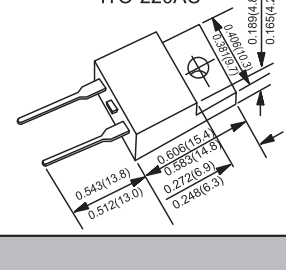
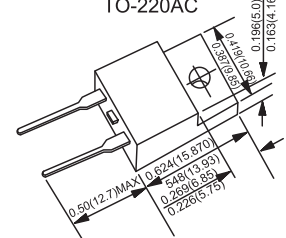
## Ultra Fast Recovery Rectifiers

Part No.	Peak Repetitive Reverse Voltage	Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current(t)	Forward Voltage Drop		Max. Reverse Current		Marking Code	Package
	$V_{RRM}$	trr	$I_O$	$I_{FSM}$	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	$\mu A$	V		
<b>1A Ultra Fast Recovery Rectifiers</b>										
UF1AF	50	50	1	30	1	1	5	50	UF1AF	<b>SMBF</b> 
UF1BF	100	50	1	30	1	1	5	100	UF1BF	
UF1DF	200	50	1	30	1	1	5	200	UF1DF	
UF1GF	400	50	1	30	1.3	1	5	400	UF1GF	
UF1JF	600	100	1	30	1.7	1	5	600	UF1JF	
UF1KF	800	100	1	30	1.7	1	5	800	UF1KF	
UF1MF	1000	100	1	30	1.7	1	5	1000	UF1MF	
UF100	50	50	1	30	1	1	5	50	UF100	<b>DO-41</b> 
UF101	100	50	1	30	1	1	5	100	UF101	
UF102	200	50	1	30	1	1	5	200	UF102	
UF104	400	50	1	30	1.3	1	5	400	UF104	
UF106	600	75	1	30	1.7	1	5	600	UF106	
UF108	800	75	1	30	1.7	1	5	800	UF108	
UF1010	1000	75	1	30	1.7	1	5	1000	UF1010	
<b>1.5A Ultra Fast Recovery Rectifiers</b>										
UF150	50	50	1.5	50	1	1.5	5	50	UF150	<b>DO-15</b> 
UF151	100	50	1.5	50	1	1.5	5	100	UF151	
UF152	200	50	1.5	50	1	1.5	5	200	UF152	
UF154	400	50	1.5	50	1.3	1.5	5	400	UF154	
UF156	600	75	1.5	50	1.7	1.5	5	600	UF156	
UF158	800	75	1.5	50	1.7	1.5	5	800	UF158	
UF1510	1000	75	1.5	50	1.7	1.5	5	1000	UF1510	
<b>2A Ultra Fast Recovery Rectifiers</b>										
US2A	50	50	2	50	1	2	5	50	US2A	<b>SMA</b> 
US2B	100	50	2	50	1	2	5	100	US2B	
US2D	200	50	2	50	1	2	5	200	US2D	
US2G	400	50	2	50	1.3	2	5	400	US2G	
US2J	600	100	2	50	1.7	2	5	600	US2J	
US2K	800	100	2	50	1.7	2	5	800	US2K	
US2M	1000	100	2	50	1.7	2	5	1000	US2M	
US2AF	50	50	2	50	1	2	5	50	US2AF	<b>SMAF</b> 
US2BF	100	50	2	50	1	2	5	100	US2BF	
US2DF	200	50	2	50	1	2	5	200	US2DF	
US2GF	400	50	2	50	1.3	2	5	400	US2GF	
US2JF	600	100	2	50	1.7	2	5	600	US2JF	
US2KF	800	100	2	50	1.7	2	5	800	US2KF	
US2MF	1000	100	2	50	1.7	2	5	1000	US2MF	

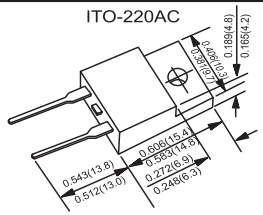
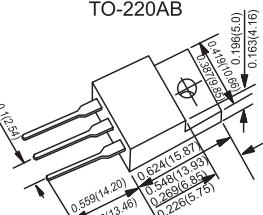
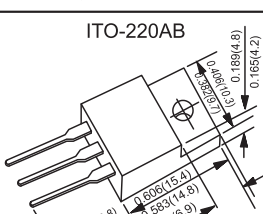
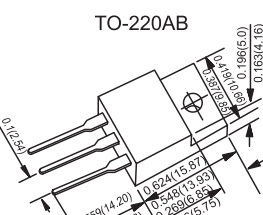
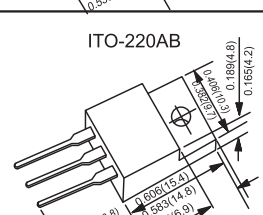
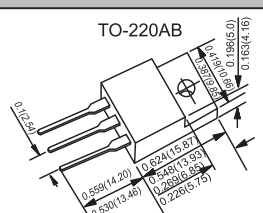
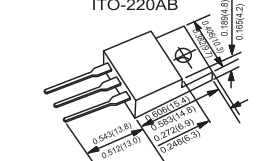
## Ultra Fast Recovery Rectifiers

Part No.	Peak Repetitive Reverse Voltage	Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current(t)	Forward Voltage Drop		Max. Reverse Current		Marking Code	Package
	$V_{RRM}$	trr	$I_O$	$I_{FSM}$	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	$\mu A$	V		
<b>2A Ultra Fast Recovery Rectifiers</b>										
UF2A	50	50	2	50	1	2	5	50	UF2A	 <p>SMB</p>
UF2B	100	50	2	50	1	2	5	100	UF2B	
UF2D	200	50	2	50	1	2	5	200	UF2D	
UF2G	400	50	2	50	1.3	2	5	400	UF2G	
UF2J	600	100	2	50	1.7	2	5	600	UF2J	
UF2K	800	100	2	50	1.7	2	5	800	UF2K	
UF2M	1000	100	2	50	1.7	2	5	600	UF2M	
UF2AF	50	50	2	50	1	2	5	50	UF2AF	 <p>SMBF</p>
UF2BF	100	50	2	50	1	2	5	100	UF2BF	
UF2DF	200	50	2	50	1	2	5	200	UF2DF	
UF2GF	400	50	2	50	1.3	2	5	400	UF2GF	
UF2JF	600	100	2	50	1.7	2	5	600	UF2JF	
UF2KF	800	100	2	50	1.7	2	5	800	UF2KF	
UF2MF	1000	100	2	50	1.7	2	5	600	UF2MF	
UF200	50	50	2	60	1	2	5	50	UF200	 <p>DO-15</p>
UF201	100	50	2	60	1	2	5	100	UF201	
UF202	200	50	2	60	1	2	5	200	UF202	
UF204	400	50	2	60	1.3	2	5	400	UF204	
UF206	600	75	2	60	1.7	2	5	600	UF206	
UF208	800	75	2	60	1.7	2	5	800	UF208	
UF2010	1000	75	2	60	1.7	2	5	1000	UF2010	
<b>3A Ultra Fast Recovery Rectifiers</b>										
US3A	50	50	3	80	1	3	5	50	US3A	 <p>SMB</p>
US3B	100	50	3	80	1	3	5	100	US3B	
US3D	200	50	3	80	1	3	5	200	US3D	
US3G	400	50	3	80	1.3	3	5	400	US3G	
US3J	600	100	3	80	1.7	3	5	600	US3J	
US3K	800	100	3	80	1.7	3	5	800	US3K	
US3M	1000	100	3	80	1.7	3	5	1000	US3M	
US3AF	50	50	3	100	1	3	5	50	US3AF	 <p>SMBF</p>
US3BF	100	50	3	100	1	3	5	100	US3BF	
US3DF	200	50	3	100	1	3	5	200	US3DF	
US3GF	400	50	3	100	1.3	3	5	400	US3GF	
US3JF	600	100	3	100	1.7	3	5	600	US3JF	
US3KF	800	100	3	100	1.7	3	5	800	US3KF	
US3MF	1000	100	3	100	1.7	3	5	1000	US3MF	

## Ultra Fast Recovery Rectifiers

Part No.	Peak Repetitive Reverse Voltage	Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current(t)	Forward Voltage Drop		Max. Reverse Current		Marking Code	Package
	$V_{RRM}$	trr	$I_O$	$I_{FSM}$	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	$\mu A$	V		
<b>3A Ultra Fast Recovery Rectifiers</b>										
UF3A	50	50	3	100	1	3	5	50	UF3A	 <p>SMC</p>
UF3B	100	50	3	100	1	3	5	100	UF3B	
UF3D	200	50	3	100	1	3	5	200	UF3D	
UF3G	400	50	3	100	1.3	3	5	400	UF3G	
UF3J	600	100	3	100	1.7	3	5	600	UF3J	
UF3K	800	100	3	100	1.7	3	5	800	UF3K	
UF3M	1000	100	3	100	1.7	3	5	600	UF3M	
UF300	50	50	3	150	1	3	5	50	UF300	 <p>DO-201AD</p>
UF301	100	50	3	150	1	3	5	100	UF301	
UF302	200	50	3	150	1	3	5	200	UF302	
UF304	400	50	3	150	1.3	3	5	400	UF304	
UF306	600	75	3	150	1.7	3	5	600	UF306	
UF308	800	75	3	150	1.7	3	5	800	UF308	
UF3010	1000	75	3	150	1.7	3	5	1000	UF3010	
<b>5A Ultra Fast Recovery Rectifiers</b>										
UF5A	50	50	5	150	1	5	5	50	UF5A	 <p>SMC</p>
UF5B	100	50	5	150	1	5	5	100	UF5B	
UF5D	200	50	5	150	1	5	5	200	UF5D	
UF5G	400	50	5	150	1.4	5	5	400	UF5G	
UF5J	600	75	5	150	1.7	5	5	600	UF5J	
UF5K	800	75	5	150	1.7	5	5	800	UF5K	
UF5M	1000	75	5	150	1.7	5	5	1000	UF5M	
<b>8A Ultra Fast Recovery Rectifiers</b>										
UF800	50	50	8	125	1	8	5	50	UF800	 <p>TO-220AC</p>
UF801	100	50	8	125	1	8	5	100	UF801	
UF802	200	50	8	125	1	8	5	200	UF802	
UF803	300	50	8	125	1.3	8	5	300	UF803	
UF804	400	50	8	125	1.3	8	5	400	UF804	
UF806	600	100	8	125	1.7	8	5	600	UF806	
UF800F	50	50	8	125	1	8	5	50	UF800F	 <p>ITO-220AC</p>
UF801F	100	50	8	125	1	8	5	100	UF801F	
UF802F	200	50	8	125	1	8	5	200	UF802F	
UF803F	300	50	8	125	1.3	8	5	300	UF803F	
UF804F	400	50	8	125	1.3	8	5	400	UF804F	
UF806F	600	100	8	125	1.7	8	5	600	UF806F	
<b>10A Ultra Fast Recovery Rectifiers</b>										
UF1000	50	50	10	150	1	10	5	50	UF1000	 <p>TO-220AC</p>
UF1001	100	50	10	150	1	10	5	100	UF1001	
UF1002	200	50	10	150	1	10	5	200	UF1002	
UF1003	300	50	10	150	1.3	10	5	300	UF1003	
UF1004	400	50	10	150	1.3	10	5	400	UF1004	
UF1006	600	100	10	150	1.7	10	5	600	UF1006	

# Ultra Fast Recovery Rectifiers

Part No.	Peak Repetitive Reverse Voltage	Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current(t)	Forward Voltage Drop		Max. Reverse Current		Marking Code	Package
	$V_{RRM}$	trr	$I_O$	$I_{FSM}$	$V_F@I_F$		$I_R@V_R$			
	V	ns	A	A	V	A	$\mu A$	V		
<b>10A Ultra Fast Recovery Rectifiers</b>										
UF1000F	50	50	10	150	1	10	5	50	UF1000F	
UF1001F	100	50	10	150	1	10	5	100	UF1001F	
UF1002F	200	50	10	150	1	10	5	200	UF1002F	
UF1003F	300	50	10	150	1.3	10	5	300	UF1003F	
UF1004F	400	50	10	150	1.3	10	5	400	UF1004F	
UF1006F	600	100	10	150	1.7	10	5	600	UF1006F	
UF1000CT	50	50	10	125	1	10	5	50	UF1000CT	
UF1001CT	100	50	10	125	1	10	5	100	UF1001CT	
UF1002CT	200	50	10	125	1	10	5	200	UF1002CT	
UF1003CT	300	50	10	125	1.3	10	5	300	UF1003CT	
UF1004CT	400	50	10	125	1.3	10	5	400	UF1004CT	
UF1006CT	600	100	10	125	1.7	10	5	600	UF1006CT	
UF1000FCT	50	50	10	125	1	10	5	50	UF1000FCT	
UF1001FCT	100	50	10	125	1	10	5	100	UF1001FCT	
UF1002FCT	200	50	10	125	1	10	5	200	UF1002FCT	
UF1003FCT	300	50	10	125	1.3	10	5	300	UF1003FCT	
UF1004FCT	400	50	10	125	1.3	10	5	400	UF1004FCT	
UF1006FCT	600	100	10	125	1.7	10	5	600	UF1006FCT	
<b>16A Ultra Fast Recovery Rectifiers</b>										
UF1602CT	200	50	16	125	1	16	5	200	UF1602CT	
UF1603CT	300	50	16	125	1.3	16	5	300	UF1603CT	
UF1604CT	400	50	16	125	1.3	16	5	400	UF1604CT	
UF1606CT	600	100	16	125	1.7	16	5	600	UF1606CT	
UF1608CT	800	75	16	125	1.7	16	5	800	UF1608CT	
UF16100CT	1000	75	16	125	1.7	16	5	1000	UF16100CT	
UF1602FCT	200	50	16	125	1	16	5	200	UF1602FCT	
UF1603FCT	300	50	16	125	1.3	16	5	300	UF1603FCT	
UF1604FCT	400	50	16	125	1.3	16	5	400	UF1604FCT	
UF1606FCT	600	100	16	125	1.7	16	5	600	UF1606FCT	
UF1608FCT	800	75	16	125	1.7	16	5	800	UF1608FCT	
UF16100FCT	1000	75	16	125	1.7	16	5	1000	UF16100FCT	
<b>20A Ultra Fast Recovery Rectifiers</b>										
UF2002CT	200	50	20	150	1	20	5	200	UF2002CT	
UF2003CT	300	50	20	150	1.3	20	5	300	UF2003CT	
UF2004CT	400	50	20	150	1.3	20	5	400	UF2004CT	
UF2006CT	600	100	20	150	1.7	20	5	600	UF2006CT	
UF2002FCT	200	50	20	150	1	20	5	200	UF2002FCT	
UF2003FCT	300	50	20	150	1.3	20	5	300	UF2003FCT	
UF2004FCT	400	50	20	150	1.3	20	5	400	UF2004FCT	
UF2006FCT	600	100	20	150	1.7	20	5	600	UF2006FCT	