





TYPE No.	Max. Peak Reverse Voltage	Max. Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">           Package Outline Drawing No. Please refer to Page: 131~139         </div>
	PRV	*Trr	I <sub>O</sub>	I <sub>FSM</sub>	I <sub>R</sub>	V <sub>FM</sub>	I <sub>FM</sub>	
	V	nS	A	A	μA <sub>dc</sub>	V	A	

NOTE: \* Trr Test Conditions: I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1.0A, Recover to 0.25A.











### 0.3 Ampere

UF03AFL	50	50	0.3	10	5.0	1.0	0.3	SOD-123FL (No.: 16)	
UF03BFL	100					1.3			
UF03CFL	200								
UF03DFL	400	75	0.3	10	5.0	1.7	0.3	SOD-123FL (No.: 16)	
UF03EFL	600								
UF03GFL	800								
UF03JFL	1000								

### 0.5 Ampere

UF05AFL	50	50	0.5	15	5.0	1.0	0.5	SOD-123FL (No.: 16)	
UF05BFL	100					1.3			
UF05CFL	200								
UF05DFL	400	75	0.5	15	5.0	1.7	0.5	SOD-123FL (No.: 16)	
UF05EFL	600								
UF05GFL	800								
UF05JFL	1000								

### 1.0 Ampere

UF1A	50	50	1.0	30	5.0	1.0	1.0	SMB (DO-214AA) (No.: 29)	
UF1B	100					1.3			
UF1D	200								
UF1G	400	100	1.0	30	5.0	1.7	1.0	SMB (DO-214AA) (No.: 29)	
UF1J	600								
UF1K	800								
UF1M	1000								
UF1AFL	50	50	1.0	25	5.0	1.0	1.0	SOD-123FL (No.: 16)	
UF1BFL	100					1.3			
UF1DFL	200								
UF1GFL	400	75	1.0	25	5.0	1.7	1.0	SOD-123FL (No.: 16)	
UF1JFL	600								
UF1KFL	800								
UF1MFL	1000								
US1A	50	50	1.0	30	5.0	1.0	1.0	SMA (DO-214AC) (No.: 28)	
US1B	100					1.3			
US1D	200								
US1G	400	100	1.0	30	5.0	1.7	1.0	SMA (DO-214AC) (No.: 28)	
US1J	600								
US1K	800								
US1M	1000								
US1AF	50	50	1.0	30	5.0	1.0	1.0	SMAFL (No.: 32)	
US1BF	100					1.3			
US1DF	200								
US1GF	400	75	1.0	30	5.0	1.7	1.0	SMAFL (No.: 32)	
US1JF	600								
US1KF	800								
US1MF	1000								
US1ABF	50	50	1.0	30	5.0	1.0	1.0	SMBFL (No.: 33)	
US1BBF	100					1.3			
US1DBF	200								
US1GBF	400	75	1.0	30	5.0	1.7	1.0	SMBFL (No.: 33)	
US1JBF	600								
US1KBF	800								
US1MBF	1000								

# ULTRA FAST RECTIFIERS (SMD Type)












ULTRA FAST








TYPE No.	Max. Peak Reverse Voltage	Max. Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		[ Package Outline Drawing No. Please refer to Page: 131~139 ]
	PRV	*Trr	I <sub>O</sub>	I <sub>FSM</sub>	I <sub>R</sub>	V <sub>FM</sub>	I <sub>FM</sub>	
	V	nS	A	A	µAdc	V	A	

NOTE: \* Trr Test Conditions: I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1.0A, Recover to 0.25A.

## 2.0 Amperes

UF2A	50	50	2.0	50	5.0	1.0	2.0	SMB (DO-214AA) (No.: 29)	
UF2B	100					1.3			
UF2D	200					1.7			
UF2G	400	100	2.0	50	5.0	1.0	2.0	SMAFL (No.: 32)	
UF2J	600					1.3			
UF2K	800					1.7			
UF2M	1000	75	2.0	50	5.0	1.0	2.0	SMBFL (No.: 33)	
US2AF	50					1.3			
US2BF	100					1.7			
US2DF	200	50	2.0	50	5.0	1.0	2.0	SOD-123FL (No.: 16)	
US2GF	400					1.3			
US2JF	600					1.7			
US2KF	800	75	2.0	50	5.0	1.0	2.0	SMBFL (No.: 33)	
US2MF	1000					1.3			
US2ABF	50					1.7			
US2BBF	100	50	2.0	50	5.0	1.0	2.0	SMBFL (No.: 33)	
US2DBF	200					1.3			
US2GBF	400					1.7			
US2JBF	600	75	2.0	50	5.0	1.0	2.0	SMBFL (No.: 33)	
US2KBF	800					1.3			
US2MBF	1000					1.7			
UF2AFL	50	50	2.0	30	5.0	1.0	2.0	SOD-123FL (No.: 16)	
UF2BFL	100					1.3			
UF2DFL	200					1.7			
UF2GFL	400	75	2.0	30	5.0	1.0	2.0	SOD-123FL (No.: 16)	
UF2JFL	600					1.3			
UF2KFL	800					1.7			
UF2MFL	1000								

## 3.0 Amperes

UF3A	50	50	3.0	100	5.0	1.0	3.0	SMC (DO-214AB) (No.: 30)	
UF3B	100					1.3			
UF3D	200					1.7			
UF3G	400	100	3.0	100	5.0	1.0	3.0	SMAFL (No.: 32)	
UF3J	600					1.3			
UF3K	800					1.7			
UF3M	1000	50	3.0	100	5.0	1.0	3.0	SMBFL (No.: 33)	
US3AF	50					1.3			
US3BF	100					1.7			
US3DF	200	100	3.0	100	5.0	1.0	3.0	SMBFL (No.: 33)	
US3GF	400					1.3			
US3JF	600					1.7			
US3KF	800	50	3.0	100	5.0	1.0	3.0	SMBFL (No.: 33)	
US3MF	1000					1.3			
US3ABF	50					1.7			
US3BBF	100	100	3.0	100	5.0	1.0	3.0	SMBFL (No.: 33)	
US3DBF	200					1.3			
US3GBF	400					1.7			
US3JBF	600	50	3.0	100	5.0	1.0	3.0	SMBFL (No.: 33)	
US3KBF	800					1.3			
US3MBF	1000					1.7			