

ULTRAFAST RECOVERY RECTIFIERS

MCC Part Number	Working Peak Reverse Voltage	Average Forward Current @ Half-Wave Resistive Load 60Hz	Forward Peak Surge Current @ 8.3mS Superimposed	Maximum Reverse Current @ V_{RWM}	Maximum Forward Voltage		Maximum Reverse Recovery Time	Package
	V_{RWM}	$I_O @ T_L$	I_{FSM}	I_R	I_{FM}	V_{FM}	T_{rr}	
	V	A	A	μA	A	V	ns	

1.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

UF4001	50	1.0	30	5.0	1.0	1.000	50	DO-41
UF4002	100	1.0	30	5.0	1.0	1.000	50	DO-41
UF4003	200	1.0	30	5.0	1.0	1.000	50	DO-41
UF4004	400	1.0	30	5.0	1.0	1.300	50	DO-41
UF4005	600	1.0	30	5.0	1.0	1.700	75	DO-41
UF4006	800	1.0	30	5.0	1.0	1.700	75	DO-41
UF4007	1000	1.0	30	5.0	1.0	1.700	75	DO-41
UF4001GP	50	1.0	30	5.0	1.0	1.000	50	DO-41
UF4002GP	100	1.0	30	5.0	1.0	1.000	50	DO-41
UF4003GP	200	1.0	30	5.0	1.0	1.000	50	DO-41
UF4004GP	400	1.0	30	5.0	1.0	1.300	50	DO-41
UF4005GP	600	1.0	30	5.0	1.0	1.700	75	DO-41
UF4006GP	800	1.0	30	5.0	1.0	1.700	75	DO-41
UF4007GP	1000	1.0	30	5.0	1.0	1.700	75	DO-41

3.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

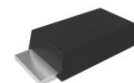
UF5400	50	3.0	150	10.0	3.0	1.000	50	DO-201AD
UF5401	100	3.0	150	10.0	3.0	1.000	50	DO-201AD
UF5402	200	3.0	150	10.0	3.0	1.000	50	DO-201AD
UF5404	400	3.0	150	10.0	3.0	1.300	50	DO-201AD
UF5405	500	3.0	150	10.0	3.0	1.700	75	DO-201AD
UF5406	600	3.0	150	10.0	3.0	1.700	75	DO-201AD
UF5407	800	3.0	150	10.0	3.0	1.700	75	DO-201AD
UF5408	1000	3.0	150	10.0	3.0	1.700	75	DO-201AD
UF5400GP	50	3.0	100	10.0	3.0	1.000	50	DO-201AD
UF5401GP	100	3.0	100	10.0	3.0	1.000	50	DO-201AD
UF5402GP	200	3.0	100	10.0	3.0	1.000	50	DO-201AD
UF5404GP	400	3.0	100	10.0	3.0	1.300	50	DO-201AD
UF5406GP	600	3.0	100	10.0	3.0	1.700	75	DO-201AD
UF5407GP	800	3.0	100	10.0	3.0	1.700	75	DO-201AD
UF5408GP	1000	3.0	100	10.0	3.0	1.700	75	DO-201AD

MCC Part Number	Working Peak Reverse Voltage	Average Forward Current @ Half-Wave Resistive Load 60Hz	Forward Peak Surge Current @ 8.3mS Superimposed	Maximum Reverse Current @ V_{RWM}	Maximum Forward Voltage		Maximum Reverse Recovery Time	Package
	V_{RWM}	$I_O @ T_L$	I_{FSM}	I_R	I_{FM}	V_{FM}	T_{rr}	
	V	A	A	μA	A	V	ns	



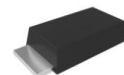
1.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

UFM11PL	50	1.0	30	10.0	1.0	1.000	35	SOD-123FL
UFM12PL	100	1.0	30	10.0	1.0	1.000	35	SOD-123FL
UFM13PL	200	1.0	30	10.0	1.0	1.000	35	SOD-123FL
UFM14PL	400	1.0	30	10.0	1.0	1.400	50	SOD-123FL
UFM15PL	600	1.0	30	10.0	1.0	1.700	75	SOD-123FL
UFM16PL	800	1.0	30	10.0	1.0	1.700	75	SOD-123FL
UFM17PL	1000	1.0	30	10.0	1.0	1.700	100	SOD-123FL



1.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

US1AFL	50	1.0	30	10.0	1.0	1.000	50	DO-221AC
US1BFL	100	1.0	30	10.0	1.0	1.000	50	DO-221AC
US1CFL	150	1.0	30	10.0	1.0	1.000	50	DO-221AC
US1DFL	200	1.0	30	10.0	1.0	1.000	50	DO-221AC
US1GFL	400	1.0	30	10.0	1.0	1.400	50	DO-221AC
US1JFL	600	1.0	30	10.0	1.0	1.700	75	DO-221AC
US1KFL	800	1.0	30	10.0	1.0	1.700	75	DO-221AC
US1MFL	1000	1.0	30	10.0	1.0	1.700	100	DO-221AC



1.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

US2AFL	50	2.0	50	5.0	2.0	1.000	50	DO-221AC
US2BFL	100	2.0	50	5.0	1.0	1.000	50	DO-221AC
US2CFL	150	2.0	50	5.0	2.0	1.000	50	DO-221AC
US2DFL	200	2.0	50	5.0	2.0	1.000	50	DO-221AC
US2GFL	400	2.0	50	5.0	2.0	1.400	50	DO-221AC
US2JFL	600	2.0	50	5.0	2.0	1.700	75	DO-221AC
US2KFL	800	2.0	50	5.0	2.0	1.700	75	DO-221AC
US2MFL	1000	2.0	50	5.0	2.0	1.700	75	DO-221AC

MCC Part Number	Working Peak Reverse Voltage	Average Forward Current @ Half-Wave Resistive Load 60Hz	Forward Peak Surge Current @ 8.3mS Superimposed	Maximum Reverse Current @ V_{RWM}	Maximum Forward Voltage		Maximum Reverse Recovery Time	Package
	V_{RWM}	$I_O @ T_L$	I_{FSM}	I_R	I_{FM}	V_{FM}	T_{rr}	
	V	A	A	μA	A	V	ns	



1.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

ES1AE	50	1.0	30	5.0	1.0	0.975	50	SMAE
ES1BE	100	1.0	30	5.0	1.0	0.975	50	SMAE
ES1CE	150	1.0	30	5.0	1.0	0.975	50	SMAE
ES1DE	200	1.0	30	5.0	1.0	0.975	50	SMAE
ES1GE	400	1.0	30	5.0	1.0	1.350	75	SMAE
ES1JE	600	1.0	30	5.0	1.0	1.350	75	SMAE
ES1KE	800	1.0	30	5.0	1.0	1.700	75	SMAE
ES1ME	1000	1.0	30	5.0	1.0	1.700	100	SMAE
US1AE	50	1.0	30	10.0	1.0	1.000	50	SMAE
US1BE	100	1.0	30	10.0	1.0	1.000	50	SMAE
US1CE	150	1.0	30	10.0	1.0	1.000	50	SMAE
US1DE	200	1.0	30	10.0	1.0	1.000	50	SMAE
US1GE	400	1.0	30	10.0	1.0	1.400	50	SMAE
US1JE	600	1.0	30	10.0	1.0	1.700	75	SMAE
US1KE	800	1.0	30	10.0	1.0	1.700	75	SMAE
US1ME	1000	1.0	30	10.0	1.0	1.700	75	SMAE



1.0 ~2.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

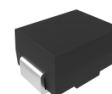
ES1K	800	1.0	30	5.0	1.0	1.700	75	HSMA
ES1M	1000	1.0	30	5.0	1.0	1.700	100	HSMA
ES2K	800	2.0	50	5.0	2.0	1.350	60	HSMA
ES2M	1000	2.0	50	5.0	2.0	1.600	100	HSMA



1.0 ~2.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

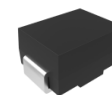
ER1K	800	1.0	30	5.0	1.0	1.700	75	HSMB
ER1M	1000	1.0	30	5.0	1.0	1.700	100	HSMB
ER2K	800	2.0	50	5.0	2.0	1.700	100	HSMB
ER2M	1000	2.0	50	5.0	2.0	1.700	100	HSMB

MCC Part Number	Working Peak Reverse Voltage	Average Forward Current @ Half-Wave Resistive Load 60Hz	Forward Peak Surge Current @ 8.3mS Superimposed	Maximum Reverse Current @ V_{RWM}	Maximum Forward Voltage		Maximum Reverse Recovery Time	Package
	V_{RWM}	$I_O @ T_L$	I_{FSM}	I_R	I_{FM}	V_{FM}	T_{rr}	
	V	A	A	μA	A	V	ns	



1.0 AMPERE ULTRAFast RECOVERY RECTIFIERS

US1A	50	1.0	30	10.0	1.0	1.000	50	SMA
US1B	100	1.0	30	10.0	1.0	1.000	50	SMA
US1C	150	1.0	30	10.0	1.0	1.000	50	SMA
US1D	200	1.0	30	10.0	1.0	1.000	50	SMA
US1G	400	1.0	30	10.0	1.0	1.400	50	SMA
US1J	600	1.0	30	10.0	1.0	1.700	75	SMA
US1K	800	1.0	30	10.0	1.0	1.700	75	SMA
US1M	1000	1.0	30	10.0	1.0	1.700	75	SMA



2.0 AMPERE ULTRAFast RECOVERY RECTIFIERS

US2AA	50	2.0	50	5.0	2.0	1.000	50	SMA
US2BA	100	2.0	50	5.0	2.0	1.000	50	SMA
US2CA	150	2.0	50	5.0	2.0	1.000	50	SMA
US2DA	200	2.0	50	5.0	2.0	1.000	50	SMA
US2GA	400	2.0	50	5.0	2.0	1.400	50	SMA
US2JA	600	2.0	50	5.0	2.0	1.700	75	SMA
US2KA	800	2.0	50	5.0	2.0	1.700	75	SMA
US2MA	1000	2.0	50	5.0	2.0	1.700	75	SMA
US2AFL	50	2.0	50	5.0	1.0	1.000	50	SMA
US2BFL	100	2.0	50	5.0	1.0	1.000	50	SMA
US2CFL	150	2.0	50	5.0	1.0	1.000	50	SMA
US2DFL	200	2.0	50	5.0	1.0	1.000	50	SMA
US2GFL	400	2.0	50	5.0	1.0	1.400	50	SMA
US2JFL	600	2.0	50	5.0	1.0	1.700	75	SMA
US2KFL	800	2.0	50	5.0	1.0	1.700	75	SMA
US2MFL	1000	2.0	50	5.0	1.0	1.700	75	SMA



1.0 AMPERE ULTRAFast RECOVERY RECTIFIERS

UF1A	50	1.0	30	10.0	1.0	1.000	50	SMB
UF1B	100	1.0	30	10.0	1.0	1.000	50	SMB
UF1D	200	1.0	30	10.0	1.0	1.000	50	SMB
UF1G	400	1.0	30	10.0	1.0	1.400	50	SMB
UF1J	600	1.0	30	10.0	1.0	1.700	100	SMB
UF1K	800	1.0	30	10.0	1.0	1.700	100	SMB
UF1M	1000	1.0	30	10.0	1.0	1.700	100	SMB

MCC Part Number	Working Peak Reverse Voltage	Average Forward Current @ Half-Wave Resistive Load 60Hz	Forward Peak Surge Current @ 8.3mS Superimposed	Maximum Reverse Current @ V_{RWM}	Maximum Forward Voltage		Maximum Reverse Recovery Time	Package
	V_{RWM}	$I_O @ T_L$	I_{FSM}	I_R	I_{FM}	V_{FM}	T_{rr}	
	V	A	A	μA	A	V	ns	



2.0 AMPERE ULTRAFAST RECOVERY RECTIFIERS

US2A	50	2.0	50	5.0	2.0	1.000	50	SMB
US2B	100	2.0	50	5.0	2.0	1.000	50	SMB
US2C	150	2.0	50	5.0	2.0	1.000	50	SMB
US2D	200	2.0	50	5.0	2.0	1.000	50	SMB
US2G	400	2.0	50	5.0	2.0	1.400	50	SMB
US2J	600	2.0	50	5.0	2.0	1.700	75	SMB
US2K	800	2.0	50	5.0	2.0	1.700	75	SMB
US2M	1000	2.0	50	5.0	2.0	1.700	75	SMB