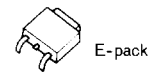


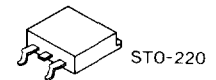
### Schottky Barrier Diodes (Single)



Type No.	Absolute Maximum Ratings						Electrical Characteristics						Remarks	Outline	
	V <sub>RM</sub> [V]	I <sub>o</sub> [A]	Conditions T <sub>c</sub> [°C]	I <sub>FSM</sub> [A]	T <sub>stg</sub> [°C]	T <sub>j</sub> [°C]	V <sub>F</sub> (max) [V]	Conditions I <sub>F</sub> [A]	I <sub>R</sub> (max) V <sub>R</sub> =V <sub>RM</sub> [mA]	θ <sub>l</sub> (max) [°C/W]	θ <sub>ja</sub> (max) [°C/W]	θ <sub>jc</sub> (max) [°C/W]		Package	Fig.
D1FS4	40	1.1	51*	30	-55~150	150	0.55	1.1	1	23	108	—	—	1F	72
6	60		25*	40			0.58								
D2FS4	40	1.6	34*	60	-55~150	150	0.55	1.6	2.5	24	90	—	—	2F	73
6	60	1.5	31*				0.58	1.5							
DE3S4M	40	3	121	70	-40~150	150	0.55	3	2.5	—	55	12	—	E-pack	79-2
6M	60		117	80			0.58								
DE5S4M	40	5	101	80	-40~150	150	0.55	5	3.5	—	55	12	—	E-pack	79-2
6M	60		96	90			0.58								
☆M1FS4	40	1.33	25*	30	-55~150	150	0.55	1.1	0.8	20	108	—	—	MIF	71
☆M1FS6	60	1.2		40			0.58								

☆ : New products      ※ : T<sub>a</sub>

### Schottky Barrier Diodes (Twin)



Type No.	Absolute Maximum Ratings						Electrical Characteristics						Remarks	Outline	
	V <sub>RM</sub> [V]	I <sub>o</sub> [A]	Conditions T <sub>c</sub> [°C]	I <sub>FSM</sub> [A]	T <sub>stg</sub> [°C]	T <sub>j</sub> [°C]	V <sub>F</sub> (max) [V]	Conditions I <sub>F</sub> [A]	I <sub>R</sub> (max) V <sub>R</sub> =V <sub>RM</sub> [mA]	θ <sub>l</sub> (max) [°C/W]	θ <sub>ja</sub> (max) [°C/W]	θ <sub>jc</sub> (max) [°C/W]		Package	Fig.
S1ZAS4	40	1.2	49*	40	-40~150	150	0.55	1.0	1	25	93	—	Array Type	IZ	25-2
DE5SC4M	40	5	101	80	-40~150	150	0.55	2.5	3.5	—	55	12	—	E-pack	79-1
6M	60		92	80			0.58								
DE10SC4	40	10	132	100	-55~150	150	0.55	5	3.5	—	—	4	—	E-pack	79-1
DF10SC4M	40	10	125	100	-40~150	150	0.55	5	3.5	—	25	3			
6	60	10	132	150	-55~150	150	0.58	5	4.5	—	—	2.0	—	E-pack	79-1
9	90		131				150								
DF15SC4M	40	15	129	150	-40~150	150	0.55	7.5	5	—	—	1.7	—	E-pack	79-1
DF20SC4M	40	20	122	230	-40~150	150	0.55	10	7.5	—	—	1.7			
9M	90	20	111	200	-40~150	150	0.75	10	10	—	—	1.6	—	E-pack	79-1
DF25SC6M	60	25	115	300	-40~150	150	0.58	12.5	10	—	—	1.6			
DF30SC4M	40	30	112	360	-40~150	150	0.55	15	10	—	—	1.6	—	E-pack	79-1
DF40SC4	40	40	106	350	-55~150	150	0.55	20	14	—	—	1.5			

※ : T<sub>a</sub>

### Schottky Barrier Diodes (Low V<sub>F</sub> series)



Type No.	Absolute Maximum Ratings						Electrical Characteristics						Remarks	Outline	
	V <sub>RM</sub> [V]	I <sub>o</sub> [A]	Conditions T <sub>c</sub> [°C]	I <sub>FSM</sub> [A]	T <sub>stg</sub> [°C]	T <sub>j</sub> [°C]	V <sub>F</sub> (max) [V]	Conditions I <sub>F</sub> [A]	I <sub>R</sub> (max) V <sub>R</sub> =V <sub>RM</sub> [mA]	θ <sub>l</sub> (max) [°C/W]	θ <sub>ja</sub> (max) [°C/W]	θ <sub>jc</sub> (max) [°C/W]		Package	Fig.
☆M1FP3	30	1.29	25*2	30	-55~125	125	0.35	0.4	2.5	20	108	—	—	MIF	71
D1FP3	30	2	98*1	60	-55~125	125	0.35	0.8	4.5	23	108	—	—	1F	72
D1FS4A	40	1.5	28*2	60	-55~150	150	0.45	1.1	2	23	108	—	—	1F	72
D3FS4A	40	2.6	34*2	150	-55~150	150	0.45	2.6	5	23	80	—	—	2F	73
D3FP3	30	3	74*1	150	-55~125	125	0.35	1.6	10	24	90	—	—	2F	73
DE5SC3ML	30	5	110	90	-55~150	150	0.45	2.5	3.5	—	—	12	—	E-pack	79-1
DE5PC3	30	5	90	90	-55~125	125	0.4	2	6	—	—	12	—	E-pack	79-1
DE10P3	30	10	95	200	-55~125	125	0.4	8	25	—	—	4	—	E-pack	79-5
DE10S3L	30	10	124	250	-55~150	150	0.45	8	10	—	—	4	—	E-pack	79-5
DE10PC3	30	10	97	80	-55~125	125	0.4	4	10	—	—	4	—	E-pack	79-1
DE10SC3L	30	10	124	100	-55~150	150	0.45	4	5	—	—	4	—	E-pack	79-1
DF20PC3M	30	20	105	200	-55~125	125	0.4	8	35	—	—	1.6	—	E-pack	79-1
DF30SC3ML	30	30	119	350	-55~150	150	0.45	12.5	10	—	—	1.6	—	STO-220	76-1
DF30PC3M	30	30	97	300	-55~125	125	0.4	10	50	—	—	1.6	—	STO-220	76-1
DF40SC3L	30	40	112	400	-55~150	150	0.45	15	17	—	—	1.5	—	STO-220	76-1
☆DF40PC3	30	40	105	350	-55~150	125	0.4	15	45	—	—	0.8	—	STO-220	76-1

☆ : New products      ※1 : T<sub>j</sub>      ※2 : T<sub>a</sub>