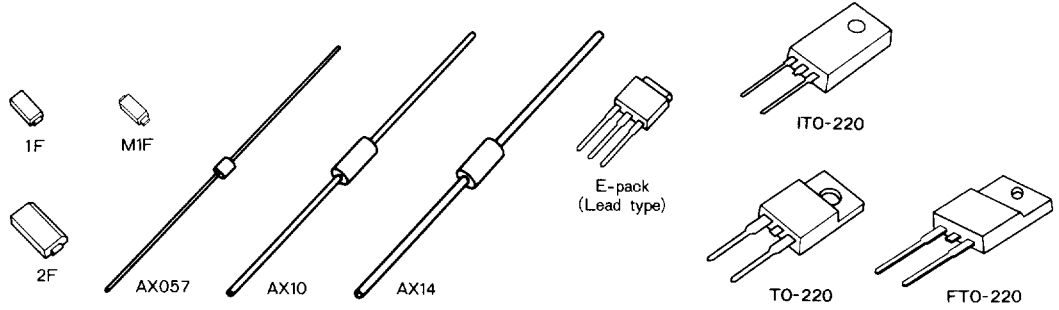


# Schottky Barrier Diodes

High frequency rectifying



## Single Diodes

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]	C <sub>j</sub> (typ) [pF]	θ <sub>j</sub> (max) [°C/W]	θ <sub>ja</sub> (max) [°C/W]	θ <sub>jc</sub> (max) [°C/W]			Package	Fig.
D1NS4	40		59*1	30	-55~150	150	0.55		0.8	50							
6	60	1	46*1				0.58	1	53		10	113	—	—	AX057	1	
★M1FP3	30	1.29		30	-55~125	125	0.35	0.4	2.5	90							
★M1FS4	40	1.33	25*1				0.55		0.8	50	20	108	—	—	M1F	71	
★6	60	1.2		40	-55~150	150	0.58	1.1	1	53							
D1FS4	40		51*1	30	-55~150	150	0.55		1	65							
6	60	1.1	25*1	40			0.58	1.1		50	23	108	—	SMD	1F	72	
D1FP3	30	2	98*2	60	-55~125	125	0.35	0.8	4.5	130	23	108	—				
D1FS4A	40	1.5	28*1	60	-55~150	150	0.45	1.1	2	95	23	108	—				
D2S4M	40	2	122*2				0.55	1.5	2	95							
6M	60	2	119*2	60	-40~150	150	0.58	1.2	2	120	17	105	—	—	AX078	5	
S2S6M	60	1.3	52*1	60	-40~150	150	0.58	2	2	120	8	86	—	—	AX10	6	
D2FS4	40	1.6	34*1				0.55	1.6	2.5	150	24						
6	60	1.5	31*1	60	-55~150	150	0.58	1.5	2	120	24	90	—	SMD	2F	73	
D3FP3	30	3	74*2	150	-55~125	125	0.35	1.6	10	300	24	90	—				
D3FS4A	40	2.6	34*1	150	-55~150	150	0.45	2.6	5	340	23	80	—				
D3S4M	40		63*1				0.55		3.5	150							
6M	60	3	133*2	80	-40~150	150	0.58	3	2.5	130	6.5	64	—	—	AX14	8	
DE3S4M	40		121	70			0.55		2.5								
6M	60	3	117	80	-40~150	150	0.58	3	2.5	150	—	55	12	—	E-pack	79-2	
D5S4M	40		132				0.55		3.5	180							
6M	60	5	130	100	-40~150	150	0.58	5	4.5	260	—	—	4.5	—	ITO-220	83	
9M	90		121				0.75		3.0	185							
S5S4M	40	5	138	100	-40~150	150	0.55	5	3.5	180	—	—	3	—	TO-220	81	
DE5S4M	40		101	80			0.55		3.5	180							
6M	60	5	96	90	-40~150	150	0.58	5	4.5	200	—	55	12	—	E-pack	79-2	
SF5S4	40		136				0.55		3.5	180							
6	60	5	134	100	-40~150	150	0.58	5	4.5	260	—	—	3.5	—	FTO-220	85	
DE10S3L	30	10	124	250	-55~150	150	0.45	8	10	640	—	—	4	—			
DE10P3	30	10	95	200	-55~125	125	0.4	8	25	600	—	—	4	—	E-pack	79-5	

\*1 : T<sub>a</sub>

\*2 : T<sub>j</sub>

☆ : New products

● Axial type code 40V=silver, 60V=blue