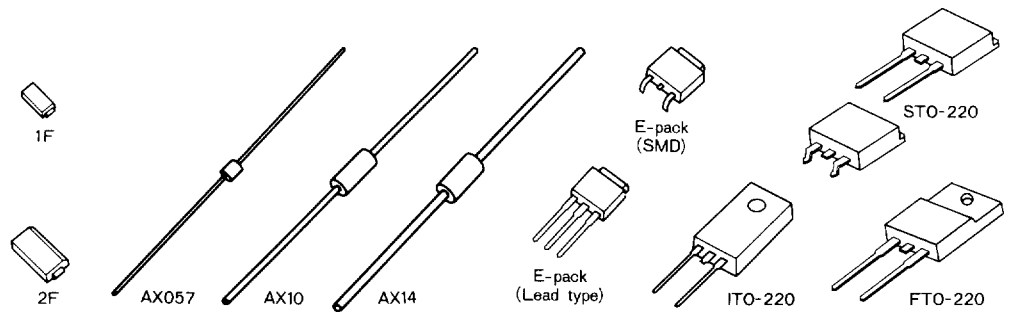


Super Fast Recovery Diodes

High frequency rectifying



Single Diodes

Type No.	Absolute Maximum Ratings						Electrical Characteristics							Remarks	Outline	
	V _{RM} [V]	I _o [A]	Conditions T _c [°C]	I _{FSM} [A]	T _{stg} [°C]	T _j [°C]	V _F (max) [V]	Conditions I _F [A]	I _R (max) V _R =V _{RM} [μA]	t _{rr} (max) [ns]	θ _{j-l} (max) [°C/W]	θ _{ja} (max) [°C/W]	θ _{jc} (max) [°C/W]		Package	Fig.
D1N120U	200	1	25*1	25	-55~150	150	0.98	1	10	35	10	113	—	—	AX057	1
40	400	0.9					1.3									
★ M1FL20U	200	1.1	25*2	30	-55~150	150	0.98	1	10	35	20	108	—	SMD	M1F	71
D1FL20U	200	1.1	25*1	20	-55~150	150	0.98	1.1	10	35	23	108	—	SMD	1F	72
40	400	0.8		25			1.3									
D2FL20U	200	1.5	25*1	50	-55~150	150	0.98	1.5	10	35	24	90	—	SMD	2F	73
40	400	1.3		40			1.3									
S2L20U	200	1.5	25*1	50	-40~150	150	0.98	1.5	10	35	12	83	—	—	AX10	6
40	400	1.1		40			1.3									
60	600	1.5	125*2	50	-55~150	150	1.5	1.5								
D2L20U	200	1.5	125*2	40	-40~150	150	0.98	1.5	10	35	17	105	—	—	AX078	5
40	400		108*2				1.3									
D3L20U	200	2.5	136	45	-40~150	150	0.98	2.5	10	35	—	55	4.5	—	ITO-220	83
60	600	3	127	60	-55~150		1.65	3								
S3L20U	200	3	128*2	60	-40~150	150	0.98	2.1	10	35	6.5	60	—	—	AX14	8
40	400		123*2				1.3	3								
60	600	2.2	132*2		-55~150		1.5	2.2								
DE3L20U	200	3	113	60	-55~150	150	0.98	3	10	35	—	55	12	—	E-pack	79-2
40	400		99	50			1.3									
D4L20U	200	4	130	60	-40~150	150	0.98	4	10	35	—	—	4.5	—	ITO-220	83
40	400		125	60			1.3									
D5L60	600	5	123	100	-55~150	150	1.5	5	10	50	—	55	3.5	—	ITO-220	83
DE5L60	600	5	57	60	-55~150	150	2	5	10	50	—	—	12	—	E-pack	79-2
SF5L30	300	5	130	60	-55~150	150	1.3	5	25	30	—	—	3.4	—	FTO-220	85
60	600		131	100			1.5									
D6L20U	200	6	118	80	-40~150	150	1.1	6	10	35	—	55	4.2	—	ITO-220	83
SF6L20U	200	6	126	80	-40~150	150	1.1	6	10	35	—	—	3.2	—	FTO-220	85
D8L60	600	8	106	170	-55~150	150	1.5	8	25	70	—	—	3.5	—	ITO-220	83
SF8L60	600	8	118	170	-55~150	150	1.5	8	25	70	—	—	2.5	—	FTO-220	85
★ 80	800		112	140			2.6									
D10L20U	200	10	111	120	-40~150	150	0.98	10	10	35	—	—	3.5	—	ITO-220	83
DF10L60	600	10	105	100	-55~150	150	1.9	10	10	50	—	—	2	—	STO-220	76-2
S16L60	600	16	122	300	-55~150	150	1.5	16	25	100	—	—	1.1	—	MTO-3P	87
S20L60	600	20	119	400	-55~150	150	1.5	20	25	100	—	—	0.9	—	MTO-3P	87
DF20L60	600	20	84	170	-40~150	150	1.9	20	25	70	—	—	1.5	—	STO-220	76-2
S30L60	600	30	117	600	-55~150	150	1.5	30	25	150	—	—	0.7	—	MTO-3P	88
D30L60	600	30	85	600	-55~150	150	1.5	30	25	150	—	—	1.4	—	ITO-3P	89

* : T_a *2 : T_j ☆ : New products ● Axial color code 20V=Red, 40V=Yellow, 60V=Blue
★ : Under development