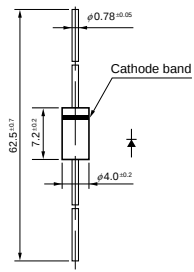


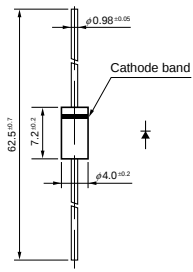
4-3 Ultrafast Recovery Diodes

V_{RM} (V)	I_F (AV) (A) Values in parentheses are for the products with heatsinks	Package Axial (Body Diameter/Lead Diameter)	Part Number	I_{FSM} (A)	T_j (°C)	T_{stg} (°C)	V_F (V) max	I_F (A)	I_R (μA)	$I_R(H)$ (mA)	T_a (°C)	$trr^{(1)}$ (ns)	I_F/I_{RP} (mA)	$trr^{(2)}$ (ns)	I_F/I_{RP} (mA)	$R_{th(j-l)}$ (°C/W)	Mass (g)
				50Hz Single Half Sine Wave					$V_R=V_{RM}$ max	$V_R=V_{RM}$ max							
200	10.0	TO-220F (Center-tap)	FMXB-2102	150	-40 to +150		0.98	10.0	200	50	150(Tj)	30	500/500	25	500/1000	4.0	2.1
	10.0	TO-220F (Center-tap)	FML-22S	65	-40 to +150		0.98	5.0	250	1	100	40	100/100	30	100/200	4.0	2.1
	10.0	TO-220F (Center-tap)	FMG-22S, R	65	-40 to +150		1.8	5.0	500	1.5	100	100	100/100	50	100/200	4.0	2.1
	10.0	TO-220F (Center-tap)	FMX-22S	65	-40 to +150		0.98	5.0	100	20	100	30	100/100	25	100/200	4.0	2.1
	10.0	TO-220F2Pin	FML-G22S	150	-40 to +150		0.98	10.0	500	2	100	40	500/500	30	500/1000	4.0	2.1
	10.0	TO-220F2Pin	FMX-G22S	150	-40 to +150		0.98	10.0	200	50	100	30	500/500	25	500/1000	4.0	2.1
	15.0	TO-220F (Center-tap)	FMX-22SL	100	-40 to +150		0.98	7.5	150	30	100	30	500/500	25	500/1000	4.0	2.1
	20.0	TO-220F2Pin	FM2-2202	110	-40 to +150		0.98	10.0	200	400	150(Tj)	50	100/100	35	100/200	4.0	2.1
	20.0	TO-220F2Pin	FMXA-2202S	100	-40 to +150		1.2	10.0	100	30	150	25	500/500	—	—	4.0	2.1
	20.0	TO-3PF (Center-tap)	FML-4202S	150	-40 to +150		0.98	10.0	10	0.4	150	40	500/500	30	500/1000	2.0	6.5
300	20.0	TO-3PF (Center-tap)	FMX-4202S	150	-40 to +150		0.98	10.0	200	50	150	30	500/500	25	500/1000	2.0	6.5
	5.0	TO-220F (Center-tap)	FMG-13S, R	35	-40 to +150		1.8	2.5	500	1.5	100	100	100/100	50	100/200	4.0	2.1
	5.0	TO-220F (Center-tap)	FML-13S	40	-40 to +150		1.3	2.5	50	0.1	100	50	100/100	35	100/200	4.0	2.1
	5.0	TO-220F2Pin	FML-G13S	70	-40 to +150		1.3	5.0	100	0.2	100	50	100/100	35	100/200	4.0	2.1
	10.0	TO-220F (Center-tap)	FMG-23S, R	65	-40 to +150		1.8	5.0	500	1.5	100	100	100/100	50	100/200	4.0	2.1
	10.0	TO-220F (Center-tap)	FML-23S	70	-40 to +150		1.3	5.0	100	0.5	100	50	100/100	35	100/200	4.0	2.1
	10.0	TO-220F (Center-tap)	FMX-23S	65	-40 to +150		1.3	5.0	50	15	150	30	100/100	25	100/200	4.0	2.1
	15.0	TO-220F (Center-tap)	FMXA-2153S	75	-40 to +150		1.3	7.5	75	23	150(Tj)	25	500/500	—	—	4.0	2.1
	20.0	TO-220F (Center-tap)	FMX-2203	100	-40 to +150		1.3	10.0	100	30	150	30	500/500	25	500/1000	4.0	2.1
	20.0	TO-3PF (Center-tap)	FMX-4203S	100	-40 to +150		1.3	10.0	100	30	150	30	500/500	25	500/1000	2.0	6.5
400	20.0	TO-220F2Pin	FMXA-2203S	100	-40 to +150		1.3	10.0	100	30	150	25	500/500	—	—	4.0	2.1
	20.0	TO-3PF (Center-tap)	FMXA-4203S	100	-40 to +150		1.3	10.0	100	30	150(Tj)	25	500/500	—	—	2.0	6.5
	0.7	Axial (φ 2.4/φ 0.6)	AG01	15	-40 to +150		1.8	0.7	100	0.5	100	100	100/100	50	100/200	22	0.13
	0.7	Axial (φ 2.7/φ 0.6)	EG01	15	-40 to +150		2.0	0.7	50	0.3	100	100	100/100	50	100/200	20	0.2
	0.8	Axial (φ 2.7/φ 0.78)	EG 1	15	-40 to +150		1.8	0.8	50	0.3	100	100	100/100	50	100/200	17	0.3
	1.0	Axial (φ 2.4/φ 0.6)	AL01	20	-40 to +150		1.4	1.0	10	0.5	150(Tj)	50	100/100	35	100/200	22	0.13
	1.2	Axial (φ 4.0/φ 0.78)	RG 10	50	-40 to +150		1.8	1.5	500	2.5	100	100	100/100	50	100/200	15	0.4
	1.2	Axial (φ 4.0/φ 0.98)	RG 2	50	-40 to +150		1.8	1.5	500	2.5	100	100	100/100	50	100/200	12	0.6
	1.5	Axial (φ 2.7/φ 0.78)	EL 1	20	-40 to +150		1.3	1.5	10	0.05	100	100	100/100	50	100/200	17	0.3
	2.0	Axial (φ 4.0/φ 0.98)	RL 2	40	-40 to +150		1.3	2.0	10	0.1	150(Tj)	50	100/100	35	100/200	12	0.6
600	1.0 (3.0)	Axial (φ 6.5/φ 1.4)	RG4S	80	-40 to +150		1.8	3.0	500	2.5	100	100	100/100	50	100/200	8	1.2
	3.5	Axial (φ 5.2/φ 1.2)	RL 3	80	-40 to +150		1.3	3.5	100	0.2	150(Tj)	50	100/100	35	100/200	10	1.0
	5.0	TO-220F2Pin	FMXA-1054S	50	-40 to +150		1.5	5.0	50	15	150	20	500/500	—	—	4.0	2.1
	5.0	TO-220F (Center-tap)	FMG-14S, R	35	-40 to +150		2.0	2.5	500	1.5	100	100	100/100	50	100/200	4.0	2.1
	5.0	TO-220F (Center-tap)	FML-14S	40	-40 to +150		1.3	2.5	50	0.1	100	50	100/100	35	100/200	4.0	2.1
	5.0	TO-220F2Pin	FMX-G14S	70	-40 to +150		1.3	5.0	50	15	150	30	100/100	25	100/200	4.0	2.1
	5.0	TO-220F2Pin	FML-G14S	70	-40 to +150		1.3	5.0	100	0.2	100	50	100/100	35	100/200	4.0	2.1
	5.0	TO-220F2Pin	FMN-G14S	70	-40 to +150		1.0	5.0	50	10	150(Tj)	100	100/100	50	100/200	4.0	2.1
	8.0	TO-220F (Center-tap)	FMG-24S, R	65	-40 to +150		2.0	5.0	500	2.5	100	100	100/100	50	100/200	4.0	2.1
	10.0	TO-220F (Center-tap)	FML-24S	70	-40 to +150		1.3	5.0	100	0.2	100	50	100/100	35	100/200	4.0	2.1
600	10.0	TO-220F2Pin	FMXA-1104S	100	-40 to +150		1.5	10.0	100	30	150(Tj)	25	500/500	—	—	4.0	2.1
	16.0	TO-220F (Center-tap)	FMXJ-2164S	100	-40 to +150		1.4	8.0	100	20	150(Tj)	18	500/500	—	—	4.0	2.1
	20.0	TO-3PF (Center-tap)	FML-4204S	100	-40 to +150		1.3	10.0	50	0.4	150	50	500/500	35	500/1000	2.0	6.5
	0.5	Axial (φ 2.7/φ 0.6)	EG01A	10	-40 to +150		2.0	0.5	100	0.5	100	100	100/100	50	100/200	20	0.2
	0.5	Axial (φ 2.4/φ 0.6)	AG01A	15	-40 to +150		1.8	0.5	100	0.5	100	100	100/100	50	100/200	22	0.13
	0.6	Axial (φ 2.7/φ 0.78)	EG 1A	10	-40 to +150		2.0	0.6	100	0.5	100	100	100/100	50	100/200	17	0.3
	1.0	Axial (φ 4.0/φ 0.78)	RG 10A	50	-40 to +150		2.0	1.0	500	2.5	100	100	100/100	50	100/200	15	0.4
	1.0	Axial (φ 4.0/φ 0.98)	RG 2A	50	-40 to +150		2.0	1.0	500	2.5	100	100	100/100	50	100/200	12	0.6
	1.2	Axial (φ 4.0/φ 0.98)	RD 2A	30	-40 to +150		1.55	1.2	50	0.1	150(Tj)	50	100/100	35	100/200	12	0.6
	2.0	Axial (φ 5.2/φ 1.2)	RL 3A	60	-40 to +150		1.7	3.0	50	0.2	150(Tj)	50	100/100	35	100/200	10	1.0
600	1.0 (2.0)	Axial (φ 6.5/φ 1.4)	RG 4AS	50	-40 to +150		2.0	2.0	500	2.5	100	100	100/100	50	100/200	8	1.2
	3.0	TO-220F(Two Elements)	FMC-26U	50	-40 to +150		2.0	3.0	500	3	150(Tj)	70	500/500	35	500/1000	4.0	2.1
	3.0	Axial (φ 6.5/φ 1.4)	RL 4A	80	-40 to +150		1.5	3.0	50	0.1	150(Tj)	50	500/500	35	500/1000	8	1.2
	4.0	TO-220F2Pin	FMG-G26S	50	-40 to +150		2.5	4.0	500	3	100	100	100/100	50	100/200	4.0	2.1
	5.0	TO-220F2Pin	FMX-G16S	50	-40 to +150		1.5	5.0	50	15	150	30	100/100	25	100/200	4.0	2.1
	5.0	TO-220F2Pin	FML-G16S	50	-40 to +150		1.5	5.0	100	0.5	100	50	500/500	35	500/1000	4.0	2.1
	5.0	TO-220F2Pin	FMN-G16S	50	-40 to +150		1.2	5.0	50	10	150(Tj)	100	100/100	50	100/200	4.0	2.1
	6.0	TO-220F (Center-tap)	FMG-26S, R	50	-40 to +150		2.2	3.0	500	3	100	100	100/100	50	100/200	4.0	2.1

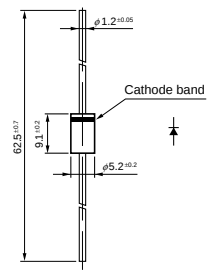
- No. 13 Axial ($\phi 4.0/\phi 0.78$)



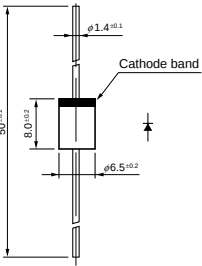
- No. 14 Axial ($\phi 4.0/\phi 0.98$)



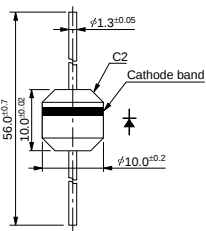
- No. 15 Axial ($\phi 5.2/\phi 1.2$)



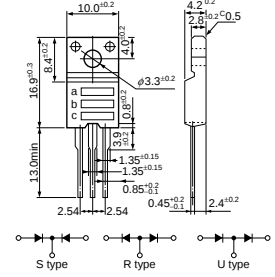
- No. 16 Axial ($\phi 6.5/\phi 1.4$)



- No. 17 Axial ($\phi 10.0/\phi 1.3$)

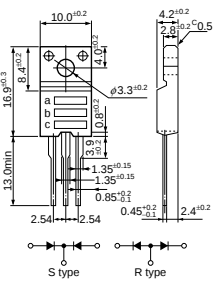


- No. 18 TO-220F (Two Elements)



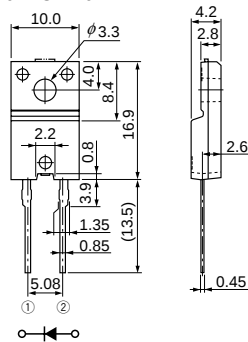
a: Part Number
b: Polarity
c: Lot No.

- No. 19 TO-220F (Center-tap)

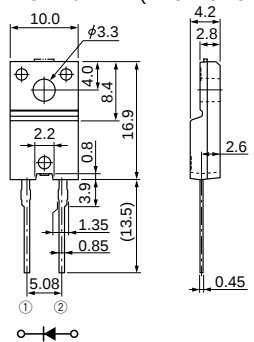


a: Part Number
b: Polarity
c: Lot No.

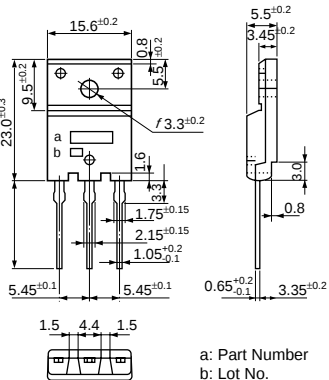
- No. 20 TO-220F2Pin



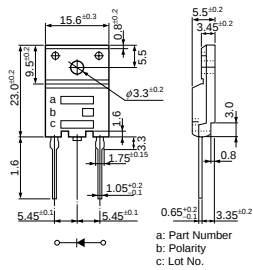
- No. 21 TO-220F2Pin (Two Elements)



- No. 22 TO-3PF



- No. 23 TO-3PF2Pin



a: Part Number
b: Polarity
c: Lot No.

- No. 24 RBV-60

