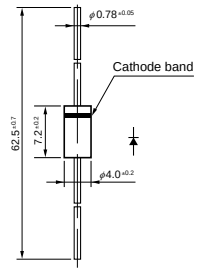
4-2 Fast Recovery Diodes

●Thru-Hole

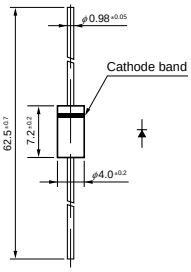
V_{RM} (V)	I_F (AV) (A) Values in parentheses are for the products with heatsinks	Package Axial (Body Diameter/Lead Diameter)	Part Number	I_{FSM} (A) 50Hz Single Half Sine Wave	T_j (°C)	T_{stg} (°C)	V_F (V) max	I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R(H) (μA) $V_R=V_{RM}$ max	T_j (°C)	trr① (μs)	I_F/I_{RP} (mA)	trr② (μs)	I_F/I_{RP} (mA)	Rth(j-l) Rth(j-c) (°C/W)	Mass (g)
200	0.5	Axial(φ2.7/φ0.6)	EU01Z	15	-40 to +150		1.0	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	20	0.2
	0.5	Axial(φ2.7/φ0.78)	EU 1Z	15	-40 to +150		1.0	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	17	0.3
	0.5	Axial(φ2.4/φ0.6)	AU01Z	15	-40 to +150		1.7	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	22	0.13
	0.6	Axial(φ4.0/φ0.78)	RH 1Z	35	-40 to +150		1.3	0.6	5.0	70	150(Ta)	4.0	10/10	1.3	10/20	15	0.4
	0.7	Axial(φ2.7/φ0.78)	ES 1Z	30	-40 to +150		2.5	0.8	10	200	100(Ta)	1.5	10/10	0.6	10/20	17	0.3
	0.8	Axial(φ2.4/φ0.6)	AU02Z	25	-40 to +150		1.3	0.8	10	250	100	0.4	10/10	0.18	10/20	22	0.13
	1.0	Axial(φ2.7/φ0.6)	EU02Z	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2
	1.0	Axial(φ2.7/φ0.78)	EU 2Z	15	-40 to +150		1.4	1.0	10	3000	150	0.4	10/10	0.18	10/20	17	0.3
	1.0	Axial(φ4.0/φ0.78)	RU 2Z	20	-40 to +150		1.5	1.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	15	0.4
	3.5	Axial(φ6.5/φ1.4)	RU 4Z	70	-40 to +150		1.3	3.5	10	300	100	0.4	10/10	0.18	10/20	8.0	1.2
	5.0	TO-220F(Center-tap)	FMU-12S, R	30	-40 to +150		1.5	2.5	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1
	10	TO-220F(Center-tap)	FMU-22S, R	40	-40 to +150		1.5	5.0	50	3000	150	0.4	100/100	0.18	100/200	4.0	2.1
400	0.25	Axial(φ2.7/φ0.6)	EU01	15	-40 to +150		2.5	0.25	10	150	100(Ta)	0.4	10/10	0.18	10/20	20	0.2
	0.25	Axial(φ2.7/φ0.78)	EU 1	15	-40 to +150		2.5	0.25	10	150	100(Ta)	0.4	10/10	0.18	10/20	17	0.3
	0.25	Axial(φ4.0/φ0.78)	RU 1	15	-40 to +150		2.5	0.25	10	200	100(Ta)	0.4	10/10	0.18	10/20	15	0.4
	0.5	Axial(φ2.4/φ0.6)	AU01	15	-40 to +150		1.7	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	22	0.13
	0.6	Axial(φ2.4/φ0.6)	AS01	20	-40 to +150		1.5	0.6	10	50	100	1.5	10/10	0.6	10/20	22	0.13
	0.6	Axial(φ2.7/φ0.78)	EH 1	30	-40 to +150		1.35	0.6	10	200	100(Ta)	4.0	10/10	1.3	10/20	17	0.3
	0.7	Axial(φ2.7/φ0.78)	ES 1	30	-40 to +150		2.5	0.8	10	200	100(Ta)	1.5	10/10	0.6	10/20	20	0.2
	0.8	Axial(φ2.4/φ0.6)	AU02	25	-40 to +150		1.3	0.8	10	250	100	0.4	10/10	0.18	10/20	22	0.13
	1.0	Axial(φ2.7/φ0.6)	EU02	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2
	1.0	Axial(φ2.7/φ0.78)	EU 2	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	17	0.3
	1.1	Axial(φ4.0/φ0.78)	RU 2M	20	-40 to +150		1.2	1.1	10	300	100	0.4	10/10	0.18	10/20	15	0.4
	1.5	Axial(φ4.0/φ0.98)	RU 3	20	-40 to +150		1.5	1.5	10	400	100	0.4	10/10	0.18	10/20	12	0.6
	1.5	Axial(φ4.0/φ0.98)	RU 3M	50	-40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	12	0.6
	1.5(3.0)	Axial(φ6.5/φ1.4)	RU 4	50	-40 to +150		1.5	3.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	8.0	1.2
	2.0(3.5)	Axial(φ6.5/φ1.4)	RU 4M	70	-40 to +150		1.3	3.5	10	300	100	0.4	100/100	0.18	100/200	8.0	1.2
	5.0	TO-220F(Center-tap)	FMU-14S, R	30	-40 to +150		1.5	2.5	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1
	10	TO-220F(Center-tap)	FMU-24S, R	40	-40 to +150		1.5	5.0	50	3000	150	0.4	100/100	0.18	100/200	4.0	2.1
600	0.25	Axial(φ4.0/φ0.78)	RU 1A	15	-40 to +150		2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	15	0.4
	0.5	Axial(φ2.4/φ0.6)	AU01A	15	-40 to +150		1.7	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	22	0.13
	0.6	Axial(φ4.0/φ0.78)	RF 1A	15	-40 to +150		2.0	0.6	10	200	100(Ta)	0.4	10/10	0.18	10/20	15	0.4
	0.6	Axial(φ2.4/φ0.6)	AS01A	20	-40 to +150		1.5	0.6	10	50	100	1.5	10/10	0.6	10/20	22	0.13
	0.6	Axial(φ4.0/φ0.78)	RH 1A	35	-40 to +150		1.3	0.6	5.0	70	150(Ta)	4.0	10/10	1.3	10/20	15	0.4
	0.7	Axial(φ2.7/φ0.6)	ES01A	20	-40 to +150		3.0	0.8	10	200	100(Ta)	1.5	10/10	0.6	10/20	20	0.2
	0.7	Axial(φ4.0/φ0.78)	RS 1A	30	-40 to +150		2.5	0.8	10	2000	150	1.5	10/10	0.6	10/20	15	0.4
	0.8	Axial(φ2.4/φ0.6)	AU02A	25	-40 to +150		1.3	0.8	10	250	100(Ta)	0.4	10/10	0.18	10/20	22	0.13
	1.0	Axial(φ2.7/φ0.6)	EU02A	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2
	1.0	Axial(φ2.7/φ0.78)	EU 2A	15	-40 to +150		1.4	1.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	17	0.3
	1.0	Axial(φ4.0/φ0.78)	RU 2	20	-40 to +150		1.5	1.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	15	0.4
	1.1	Axial(φ4.0/φ0.78)	RU 2AM	20	-40 to +150		1.2	1.1	10	300	100	0.4	10/10	0.18	10/20	15	0.4
	1.5	Axial(φ4.0/φ0.98)	RU 3A	20	-40 to +150		1.5	1.5	10	400	100	0.4	10/10	0.18	10/20	12	0.6
	1.5	Axial(φ4.0/φ0.78)	RU 20A	50	-40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	15	0.4
	1.5	Axial(φ4.0/φ0.98)	RU 3AM	50	-40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	12	0.6
	1.5(3.0)	Axial(φ6.5/φ1.4)	RU 4A	50	-40 to +150		1.5	3.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	8	1.2
	3.0	Axial(φ4.0/φ0.98)	RY 2A	50	-40 to +150		1.15	3.0	10	1000	150	0.2	100/100	0.1	100/200	12	0.6
	3.0	TO-220F2Pin	FMY-1036S	50	-40 to +150		1.15	3.0	10	1000	150	0.2	100/100	0.1	100/200	4.0	2.1
	5.0	TO-220F2Pin	FMU-G16S	30	-40 to +150		1.25	5.0	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1
	5.0	TO-220F(Center-tap)	FMU-16S, R	30	-40 to +150		1.5	2.5	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1
	10	TO-220F(Center-tap)	FMU-26S, R	40	-40 to +150		1.5	5.0	50	3000	150	0.4	100/100	0.18	100/200	4.0	2.1
	10	TO-220F2Pin	FMU-G26S	40	-40 to +150		1.35	10	50	500	150	0.4	100/100	0.18	100/200	4.0	2.1
	10	TO-220F2Pin	FMY-1106S	180	-40 to +150		1.15	10	30	3000	150	0.2	100/100	0.1	100/200	4.0	2.1
	20	TO-220F(Center-tap)	FMY-2206S*	180	-40 to +150		1.15	10	30	3000	150	0.2	100/100	0.1	100/200	4.0	2.1

*Under development

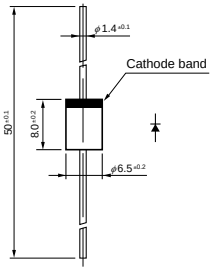
• No. 13 Axial (ϕ4.0/ϕ0.78)



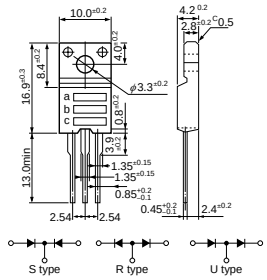
• No. 14 Axial (ϕ4.0/ϕ0.98)



• No. 15 Axial (ϕ6.5/ϕ1.4)

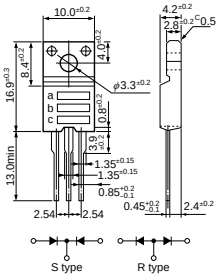


• No. 16 TO-220F (Two Elements)



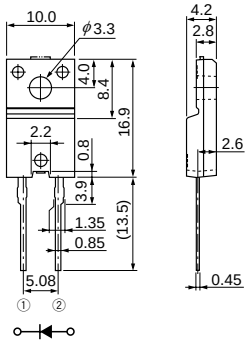
a: Part Number
b: Polarity
c: Lot No.

• No. 17 TO-220F (Center-tap)

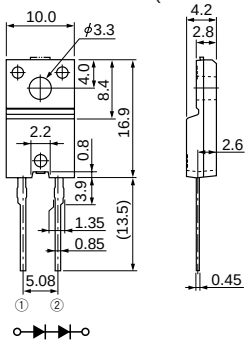


a: Part Number
b: Polarity
c: Lot No.

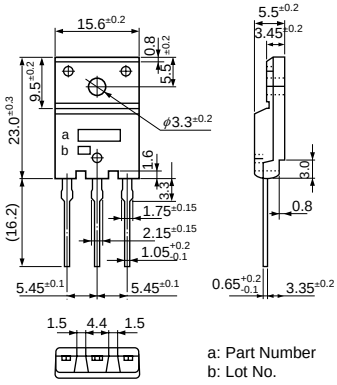
• No. 18 TO-220F2Pin



• No. 19 TO-220F2Pin (Two Elements)

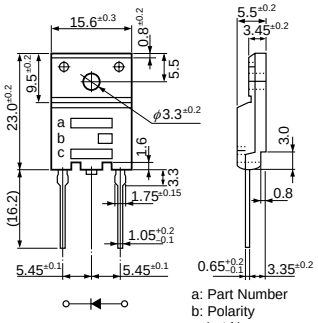


• No. 20 TO-3PF



a: Part Number
b: Lot No.

• No. 21 TO-3PF2Pin



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