

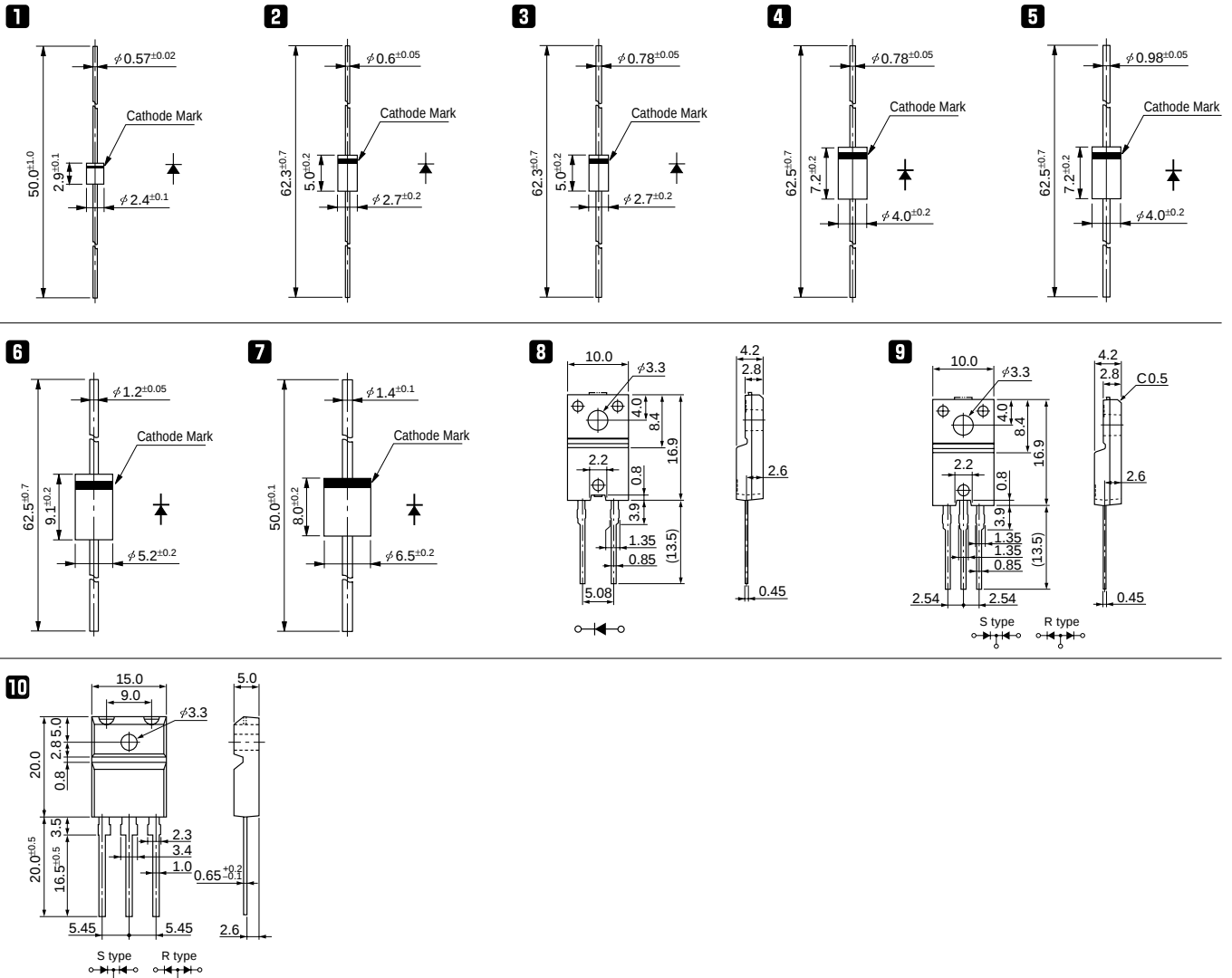
Ultra-Fast-Recovery Rectifier Diodes 400V

$t_{rr} \text{ ①: } I_F/I_R (=I_F) \text{ 90\% Recovery Point}$
 (ex. $I_F/I_R = 100\text{mA}/100\text{mA}$ 90% Recovery Point)
 $t_{rr} \text{ ②: } I_F/I_R (=2 I_F) \text{ 75\% Recovery Point}$
 (ex. $I_F/I_R = 100\text{mA}/200\text{mA}$ 75% Recovery Point)

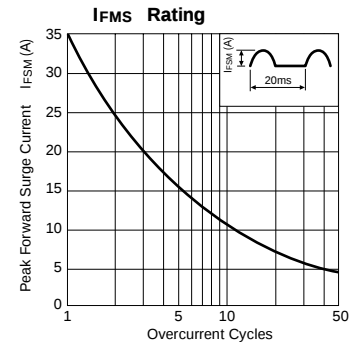
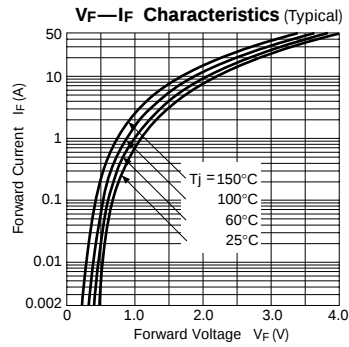
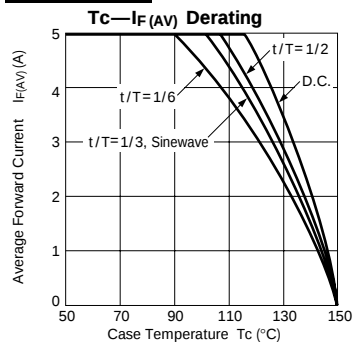
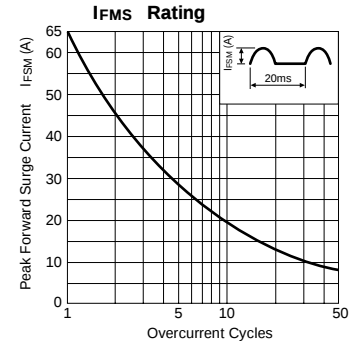
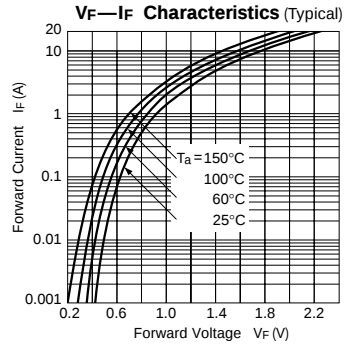
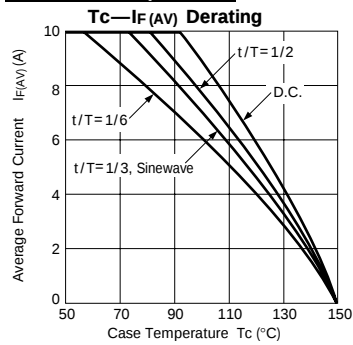
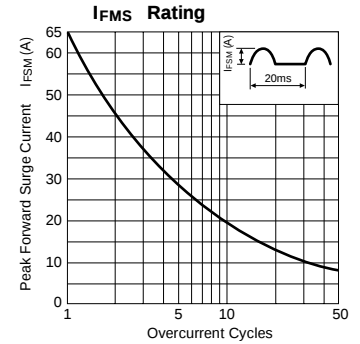
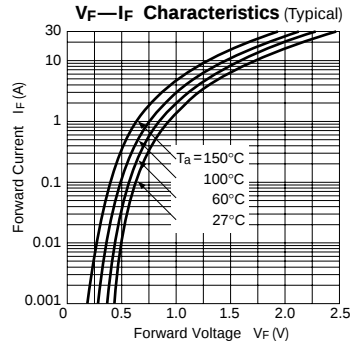
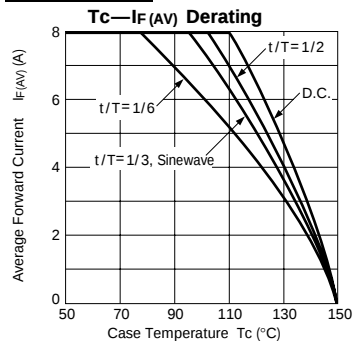
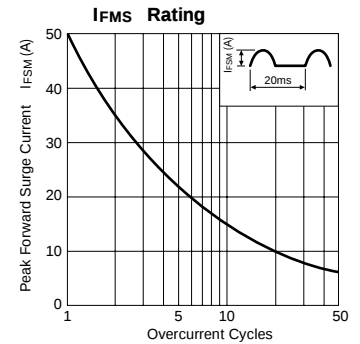
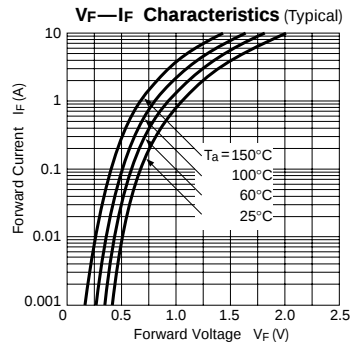
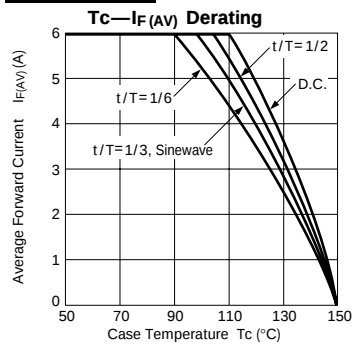
V _{RM} (V)	Package	Part Number	I _F (A) I_F (AV) (A)	IFSM (A)	T _j (°C)	Tstg (°C)	V _F (V) max	I _F (A)	IR (μA)	IR (H) (mA)	Ta (°C)	trr ①		trr ②		Rth (j-ℓ) Rth (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
				50Hz Half-cycle Sinewave Single Shot					V _R = V _{RM} max	V _R = V _{RM} max		I _F /I _{FP} (mA)	I _F /I _{FP} (mA)						
400	Axial	AG01	0.7	15	−40 to +150	1.8	0.7	100	0.5	100	100	100/100	50	100/200	22	0.13	1	63	
		EG01	0.7	15	−40 to +150	2.0	0.7	50	0.3	100	100	100/100	50	100/200	20	0.2	2		
		EG 1	0.8	15	−40 to +150	1.8	0.8	50	0.3	100	100	100/100	50	100/200	17	0.3	3	64	
		RG 10	1.2	50	−40 to +150	1.8	1.5	500	2.5	100	100	100/100	50	100/200	15	0.4	4	65	
		RG 2	1.2	50	−40 to +150	1.8	1.5	500	2.5	100	100	100/100	50	100/200	12	0.6	5	67	
		EL 1	1.5	20	−40 to +150	1.3	1.5	10	0.05	100	100	100/100	50	100/200	17	0.3	3	65	
		RL 2	2.0	40	−40 to +150	1.3	2.0	10	0.1	150 (Tj)	50	100/100	35	100/200	12	0.6	5	67	
		RL 3	3.5	80	−40 to +150	1.3	3.5	100	0.2	150 (Tj)	50	100/100	35	100/200	10	1.0	6	68	
		RG 4	1.0 (3.0)	80	−40 to +150	1.8	3.0	500	2.5	100	100	100/100	50	100/200	8	1.2	7	69	
	Frame-2Pin	FML-G14S	5.0	70	−40 to +150	1.3	5.0	100	0.2	100	50	100/100	35	100/200	4.0	2.1	8	71	
		FMN-G14S	5.0	70	−40 to +150	1.0	5.0	50	10	150 (Tj)	100	100/100	50	100/200	4.0	2.1		—	
		FMX-G14S	5.0	70	−40 to +150	1.3	5.0	50	15	150	30	100/100	25	100/200	4.0	2.1		—	
	Center-tap	FMG-14S, R	5.0	35	−40 to +150	2.0	2.5	500	1.5	100	100	100/100	50	100/200	4.0	2.1	9	74	
		FML-14S	5.0	40	−40 to +150	1.3	2.5	50	0.1	100	50	100/100	35	100/200	4.0	2.1		75	
		FMG-24S, R	8.0	65	−40 to +150	2.0	5.0	500	2.5	100	100	100/100	50	100/200	4.0	2.1		74	
		FML-24S	10.0	70	−40 to +150	1.3	5.0	100	0.2	100	50	100/100	35	100/200	4.0	2.1		75	
		FMG-34S, R	16.0	100	−40 to +150	2.0	10.0	1000	5	100	100	100/100	50	100/200	2.0	5.5	10	76	
		FML-34S	20.0	100	−40 to +150	1.3	10.0	200	0.4	100	50	500/500	35	500/1000	2.0	5.5		77	

External Dimensions

Flammability: UL94V-0 or Equivalent (Unit: mm)



Ultra-Fast-Recovery Rectifier Diodes

FMG-14S/R**FMG-22S/R, 23S/R****FMG-24S/R****FMG-26S/R****FML-12S**