

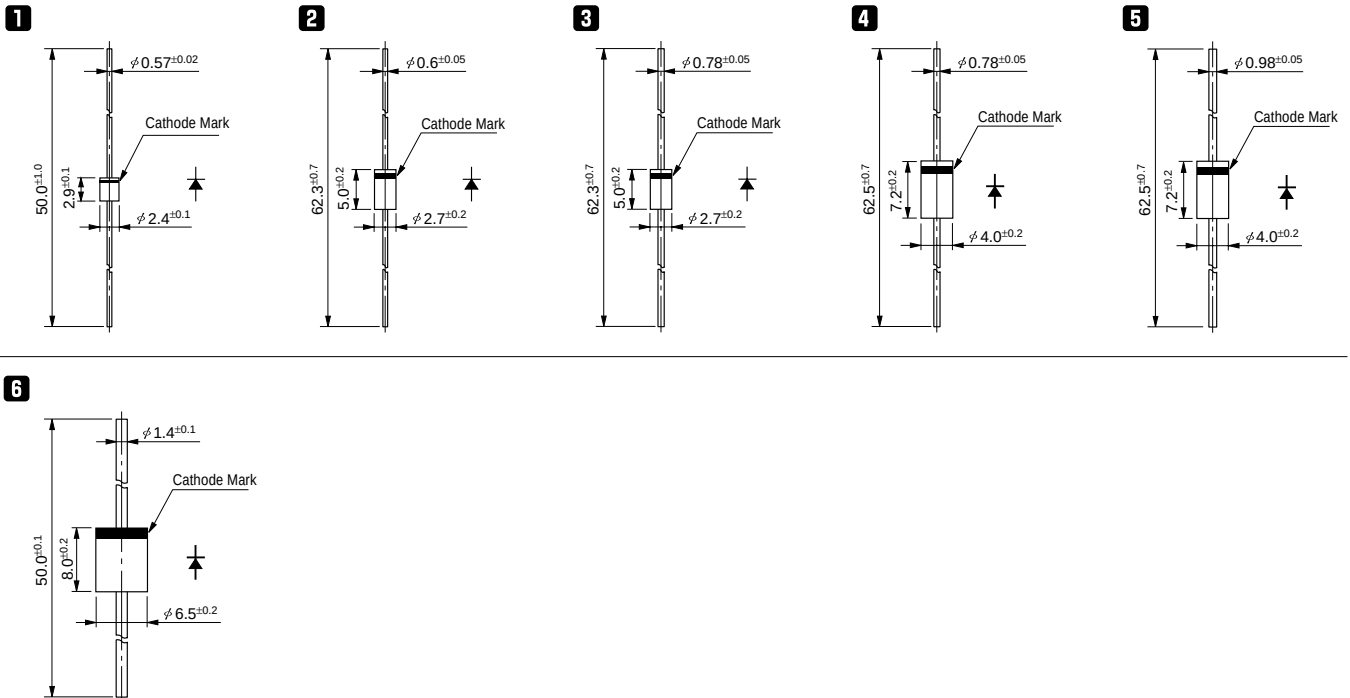
Ultra-Fast-Recovery Rectifier Diodes 70V

$t_{rr} \text{ ①: } I_F/I_R (=I_F) \text{ 90\% Recovery Point}$
 (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 (AV) (A)	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		trr ②		R _{th} (j-l) (°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)						
70	Axial	AG01Y	1.0	25	-40 to +150	1.2	1.0	100	0.5	100	100	100/100	50	100/200	22	0.13	1	63	
		EG01Y	1.0	30	-40 to +150	1.2	1.0	100	0.5	100	100	100/100	50	100/200	20	0.2	2		
		EG 1Y	1.1	30	-40 to +150	1.2	1.1	100	0.5	100	100	100/100	50	100/200	17	0.3	3	64	
		RG 10Y	1.5	50	-40 to +150	1.1	1.5	500	2.5	100	100	100/100	50	100/200	15	0.4	4	65	
		RG 2Y	1.5	50	-40 to +150	1.1	1.5	500	2.5	100	100	100/100	50	100/200	12	0.6	5	66	
		RG 4Y	2.0 (3.5)	100	-40 to +150	1.3	3.5	1000	5	100	100	100/100	50	100/200	8	1.2	6	69	

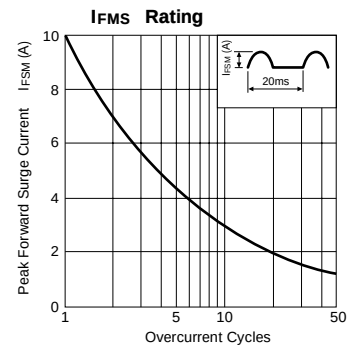
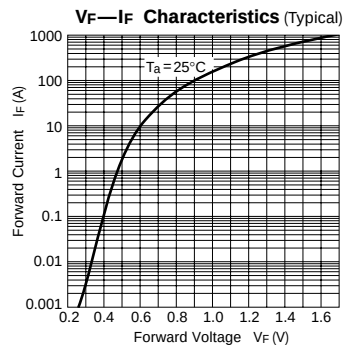
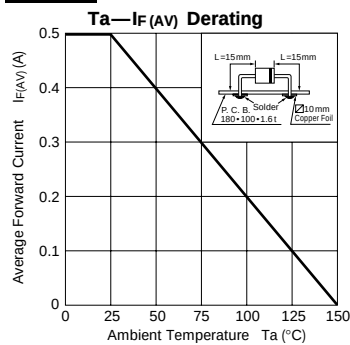
External Dimensions

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

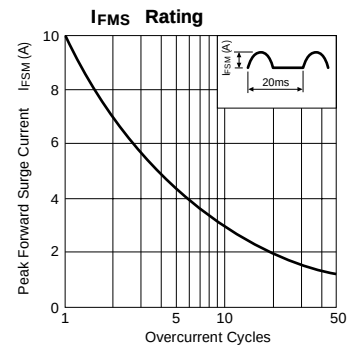
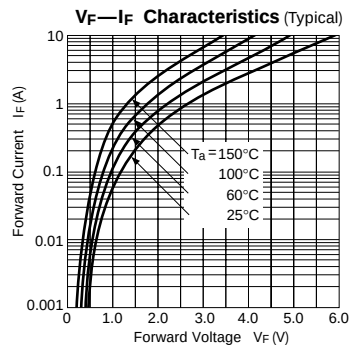
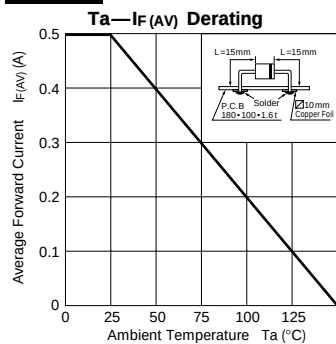


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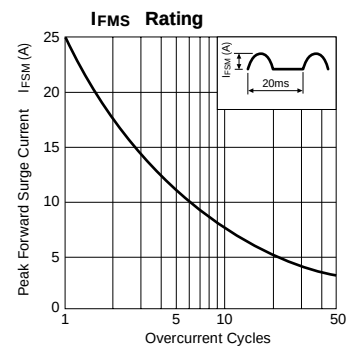
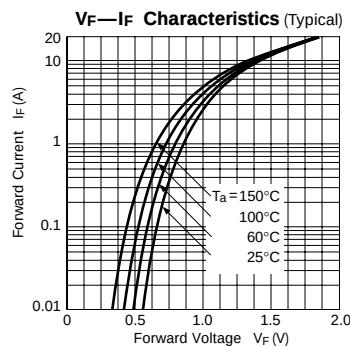
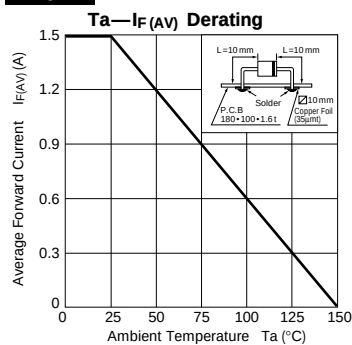
EG01A



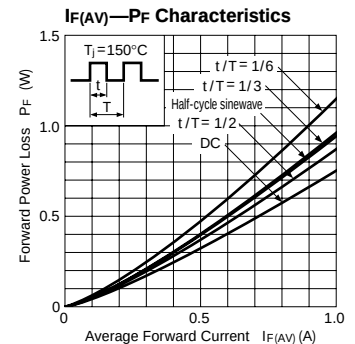
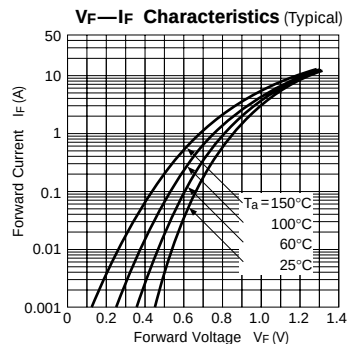
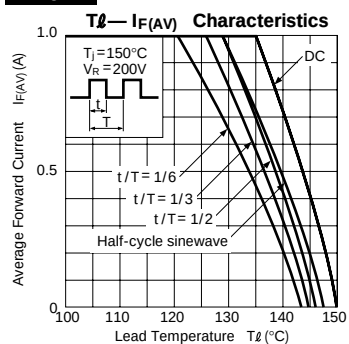
EG01C



EL02Z



EN01Z



EG 1Y, EG 1Z, EG 1

