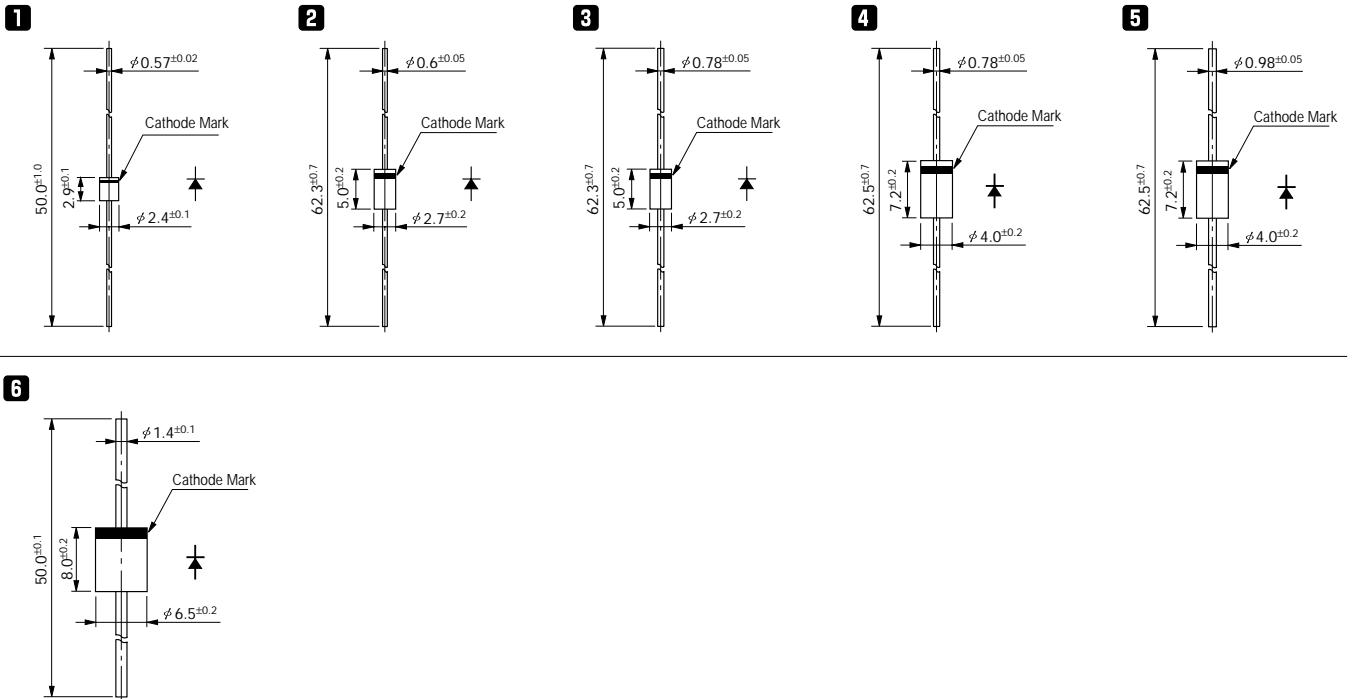


Ultra-Fast-Recovery Rectifier Diodes 70V

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

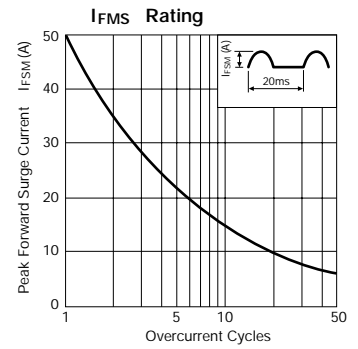
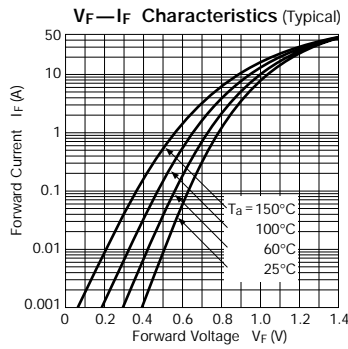
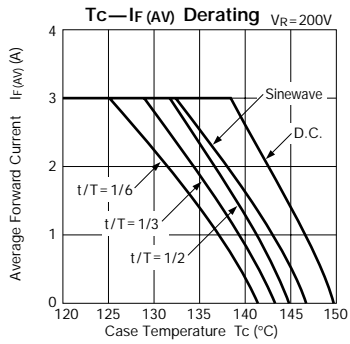
V_{RM} (V)	Package	Part Number	I_F (AV) (A)	I_{FSM} (A)	T_j (°C)	T_{stg} (°C)	V_F (V) max	I_F (A)	I_R (μ A)	I_R (H) (mA)	T_a (°C)	$t_{rr} \textcircled{1}$ (ns)		$t_{rr} \textcircled{2}$ (ns)		$R_{th(j-l)}$ (°C/W)	Mass (g)	Fig. No.	Page, where characteristic curve is shown
				50Hz Half-cycle Sinewave 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	64	
		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		
		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		
		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		
		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		

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

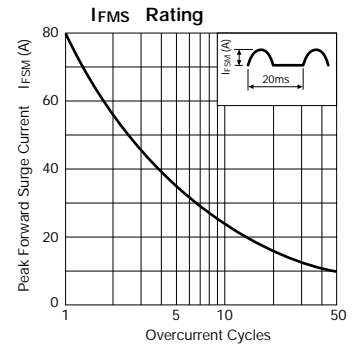
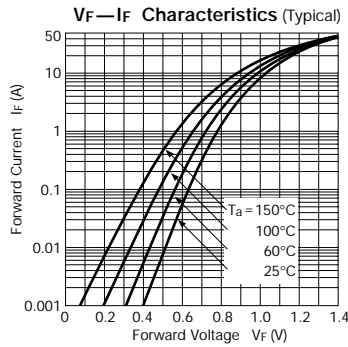
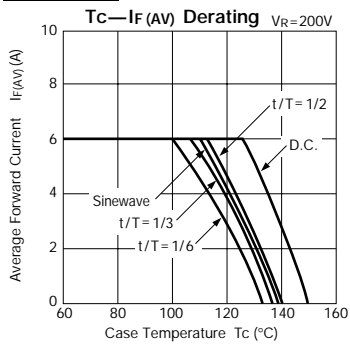


Ultra-Fast-Recovery Rectifier Diodes

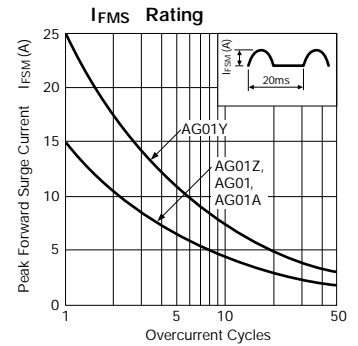
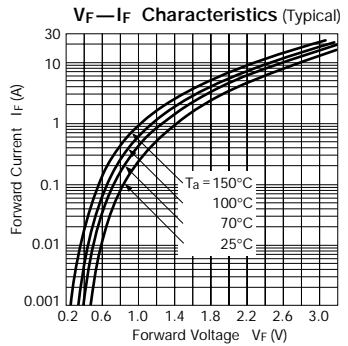
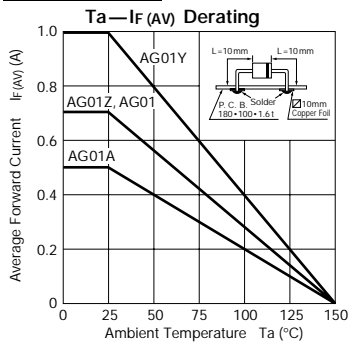
SPX-G32S



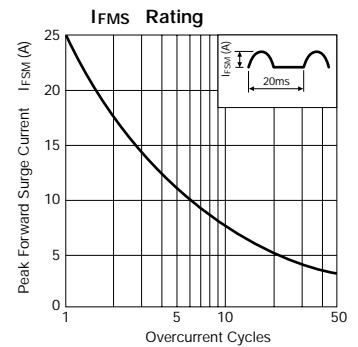
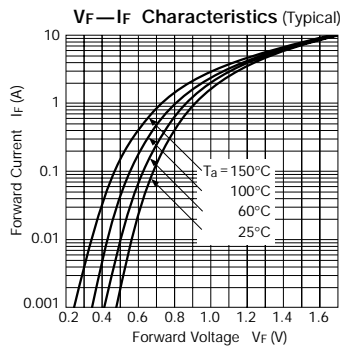
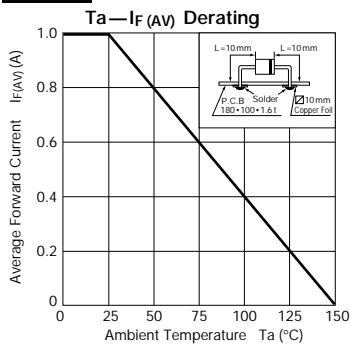
SPX-62S



AG01 series



AL01Z



EG01Y, EG01Z, EG01

