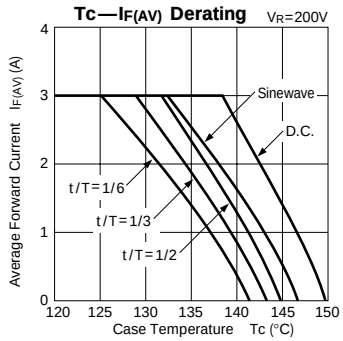
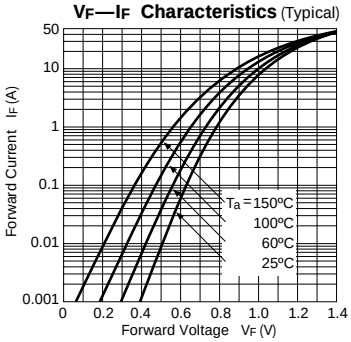
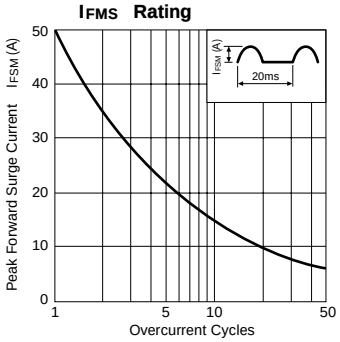
Ultra-Fast-Recovery Rectifier Diodes (Power Surface Mount)

Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)								Others	
	V_{RM} (V)	$I_{F(AV)}$ (A)	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max per element	I_F (A)	I_R (μA) $V_R=V_{RM}$ max per element	I_R (H) (mA) $V_R=V_{RM}$, Ta=100°C max per element	t_{rr}① (ns)	I_F/I_{RP} (mA)	t_{rr}② (ns)	I_F/I_{RP} (mA)	Rth (j-c) (°C/W)	Mass (g)	Fig.
SPX-G32S	200	3.0	50	–40 to +150		0.98	3.0	50	10	30	100/100	25	100/200	5.0	0.41	Ⓐ
SPX-62S		6.0	80													

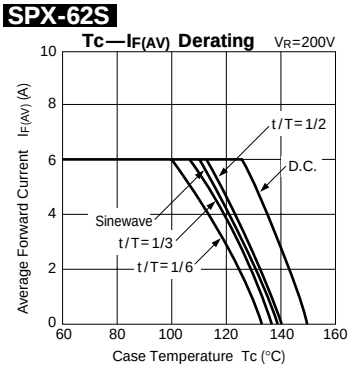
SPX-G32S

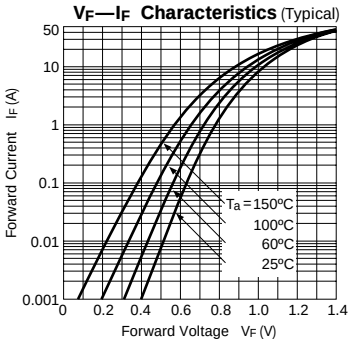


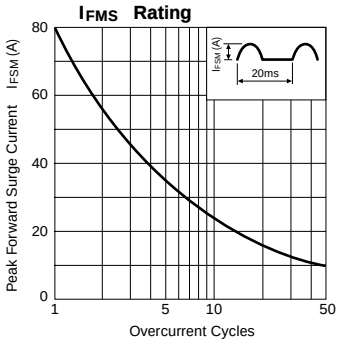




SPX-62S

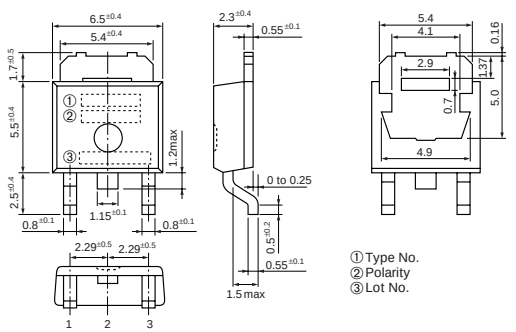






External Dimensions Fig.Ⓐ
(Unit: mm)

Flammability:
UL94V-0 or Equivalent



	1	2 (Common to backside of case)	3
SPX-G32S	N.C	Cathode	Anode
SPX-62S	Anode	Cathode (Common)	Anode