

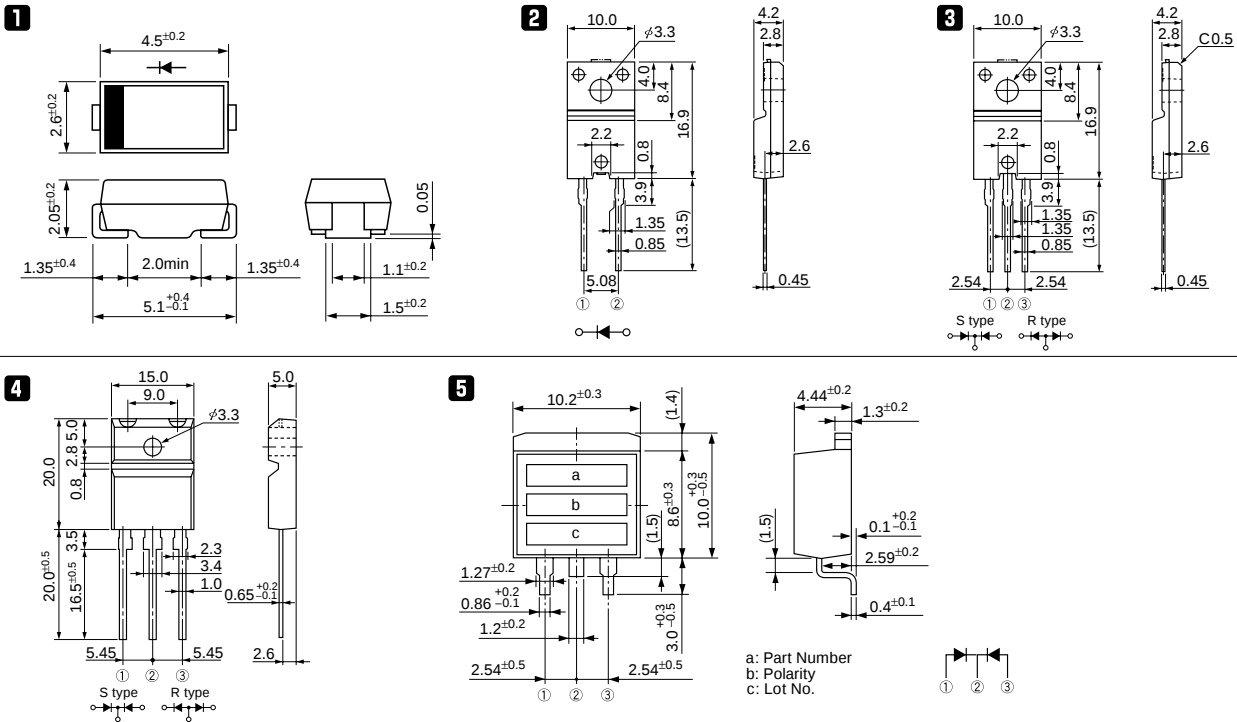
Ultra-Fast-Recovery Rectifier Diodes 300V

$t_{rr} \text{ ①: } I_F/I_R (=I_F) \text{ 90\% Recovery Point}$
 (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 _V) (A)	I _{FSM} (A)	T _J (°C)	T _{stg} (°C)	V _F (V)	I _F (A)	I _R (μA)	I _R (H) (mA)	T _a (°C)	t _{rr} ① (ns)		t _{rr} ② (ns)		R _{th} (j-ℓ) R _{th} (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)						
300	Surface Mount	SFPX-63	2.0	20	-40 to +150	1.3	2	50	3	150	30	100/100	25	100/200	20	0.07	1	—	
	Surface Mount Center-tap	MPX-2103	10.0	65	-40 to +150	1.3	5.0	50	15	150(T _J)	30	100/100	25	100/200	2.5	1.04	5	81	
	Frame-2Pin	FML-G13S	5.0	70	-40 to +150	1.3	5.0	100	0.2	100	50	100/100	35	100/200	4.0	2.1	2	72	
	Center-tap	FMG-13S, R	5.0	35	-40 to +150	1.8	2.5	500	1.5	100	100	100/100	50	100/200	4.0	2.1	3	74	
		FML-13S	5.0	40	-40 to +150	1.3	2.5	50	0.1	100	50	100/100	35	100/200	4.0	2.1		76	
		FMG-23S, R	10.0	65	-40 to +150	1.8	5.0	500	1.5	100	100	100/100	50	100/200	4.0	2.1		75	
		FML-23S	10.0	70	-40 to +150	1.3	5.0	100	0.5	100	50	100/100	35	100/200	4.0	2.1		76	
		FMX-23S	10.0	65	-40 to +150	1.3	5.0	50	15	150	30	100/100	25	100/200	4.0	2.1	—		
		FMX-2203	20.0	100	-40 to +150	1.3	10.0	100	30	150	30	500/500	25	500/1000	4.0	2.1	81		
		FMG-33S, R	20.0	150	-40 to +150	1.8	10.0	1000	5	100	100	100/100	50	100/200	2.0	5.5	77		
		FML-33S	20.0	100	-40 to +150	1.3	10.0	200	1	100	50	500/500	35	500/1000	2.0	5.5	4	78	
	FMX-33S	20.0	100	-40 to +150	1.3	10.0	100	30	150	30	500/500	25	500/1000	2.0	5.5	—			

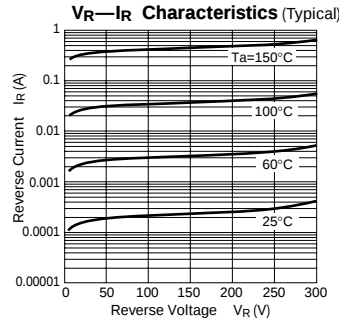
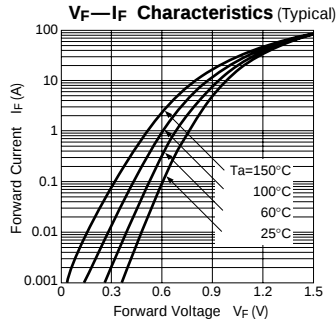
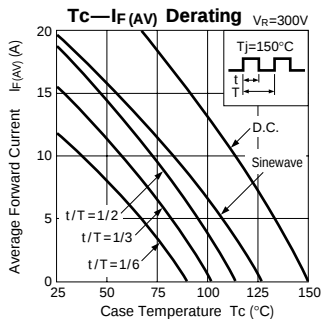
External Dimensions

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

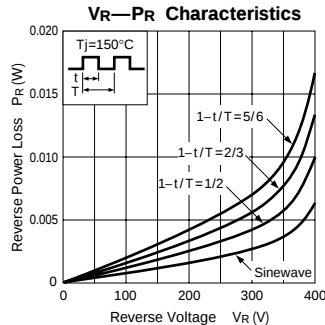
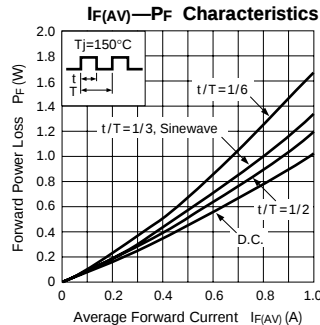
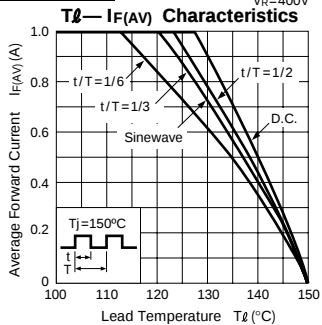


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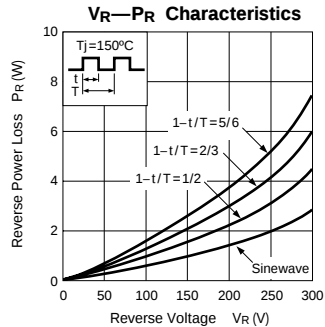
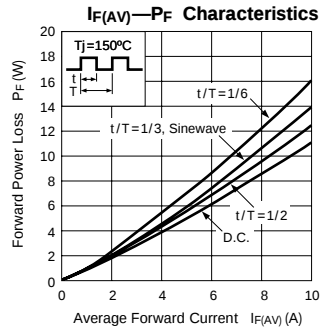
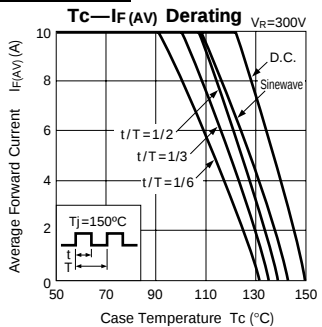
FMX-2203



SFPL-64



MPX-2103



FMW-2204

