

Ultra-Fast-Recovery Rectifier Diodes

300V

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

VRM (V)	Package	Part Number	IF (AV) (A)	IFSM (A)	Tj (°C)	Tstg (°C)	VF (V) max	IF	IR	IR (H)	Ta (°C)	trr ① (ns)	IF/IFP	trr ② (ns)	IF/IFP	Rth (j-ℓ) Rth (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
				50Hz Half-cycle Sine-wave Single Shot				(A)	VR = VRM max	VR = VRM max			(mA)		(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	—
	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	71
	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	73
		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		75
		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		74
		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	4	75
		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		—
		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	4	76
		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		77
		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)

