

Damper Diodes (Diode modulation Type)

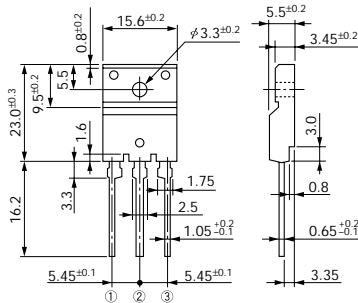
t_{rr} ①: $I_F/I_R (=I_F)$ 90% Recovery Point
 (ex. $I_F/I_R = 100\text{mA}/100\text{mA}$ 90% Recovery Point)
 t_{rr} ②: $I_F/I_R (=2 I_F)$ 75% Recovery Point
 (ex. $I_F/I_R = 100\text{mA}/200\text{mA}$ 75% Recovery Point)

Division	V_{RM} (V)	Part Number	I_F (AV) (A)	I_{FSM} (A) 50Hz Half-cycle Sine Wave Single Shot	T_J (°C)	T_{stg} (°C)	V_F (V) max	I_F (A)	I_R (μA)	I_R (mA)	T_a (°C)	t_{rr} ① (μs)		t_{rr} ② (μs)		$R_{th(j-c)}$ (°C/W)	Mass (g)	Fig No.	Part where characteristic curve is shown	
									$V_R=V_{RM}$ max	$V_R=V_{RM}$ max		I_F/I_{FP} (mA)	I_F/I_{FP} (mA)							
For TV	1500	FMV-3FU	5.0	50	-40 to +150	1.4	5.0	50	0.5	100	4.0	500/500	1.3	500/1000	1.8	6.5	1	100		
	600					1.3	5.0	50	0.5	100	0.4	500/500	0.18	500/1000						
	1700	FMV-3GU	5.0	50	-40 to +150	1.5	5.0	50	0.5	100	2.0	500/500	0.8	500/1000	1.8	6.5				
	600					1.3	5.0	50	0.5	100	0.4	500/500	0.18	500/1000						
For CRT Display	1500	FMP-2FUR	5.0	50	-40 to +150	2.0	5.0	50	3	150 (TJ)	0.7	500/500	0.3	500/1000	4.0	2.1	2	102		
	600					2.5	5.0	50	3	150 (TJ)	0.1	500/500	0.05	500/1000						
	1500	FMQ-2FUR *	5.0	50	-40 to +150	1.4	5.0	50	2	150	2	500/500	0.8	500/1000	4.0	2.1				
	600					1.65	5.0	50	0.5	150	0.15	500/500	0.07	500/1000						
	1500	FMT-2FUR	5.0	50	-40 to +150	1.8	5.0	50	2	150	1.0	500/500	—	500/1000	4.0	2.1			1	101
	600					1.9	5.0	50	7	150	0.1	500/500	—	500/1000						
	1500	FMP-3FU	5.0	50	-40 to +150	2.0	5.0	50	0.5	100	0.7	500/500	0.3	500/1000	1.8	6.5				
	600					2.5	5.0	50	0.5	100	0.1	500/500	0.05	500/1000						
1700	FMQ-3GU	5.0	50	-40 to +150	2.0	5.0	500	1	100	0.7	500/500	0.3	500/1000	1.8	6.5					
800					4.0	5.0	100	0.5	100	0.07	500/500	0.04	500/1000							

* : Under development

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

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