

# Damper Diodes (Diode modulation Type)

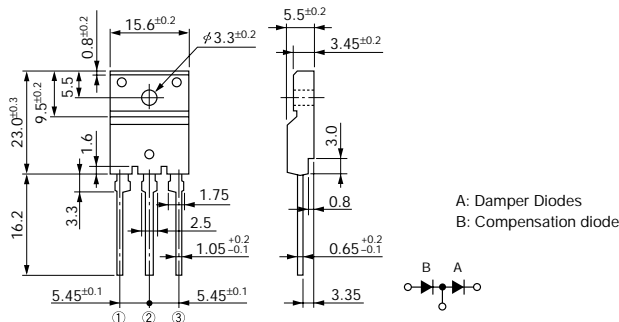
$t_{rr}$  ①:  $I_F/I_R (=I_F)$  90% Recovery Point  
 (ex.  $I_F/I_R = 100\text{mA}/100\text{mA}$  90% Recovery Point)  
 $t_{rr}$  ②:  $I_F/I_R (=2 I_F)$  75% Recovery Point  
 (ex.  $I_F/I_R = 100\text{mA}/200\text{mA}$  75% Recovery Point)

Division	V <sub>RM</sub> (V)	Part Number	I <sub>F</sub> (AV) (A)	I <sub>FSM</sub> (A)	T <sub>j</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V) max	I <sub>F</sub> (A)	I <sub>R</sub> (μA)	I <sub>R</sub> (H) (mA)	T <sub>a</sub> (°C)	t <sub>rr</sub> ① (μs)		t <sub>rr</sub> ② (μs)		R <sub>th</sub> (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
				50Hz Half-cycle Sinewave Single Shot					V <sub>R</sub> =V <sub>RM</sub> max	V <sub>R</sub> =V <sub>RM</sub> max		I <sub>F</sub> /I <sub>FP</sub> (mA)	I <sub>F</sub> /I <sub>FP</sub> (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											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					
	600											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 (T <sub>j</sub> )	0.7	500/500	0.3	500/1000	4.0	2.1	2	102	
	600					2.5	5.0	50	3	150 (T <sub>j</sub> )	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	—	—	
	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	1	101	
	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					

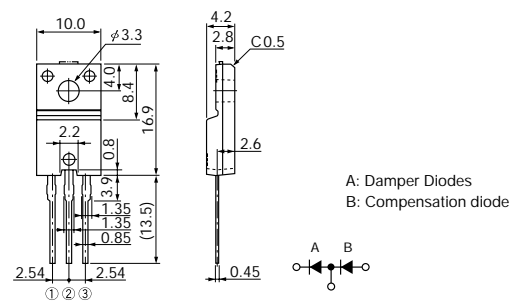
\* : Under development

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

1

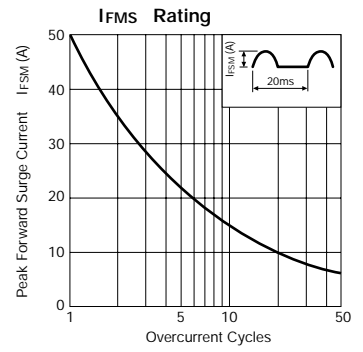
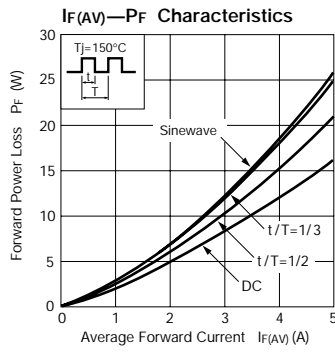
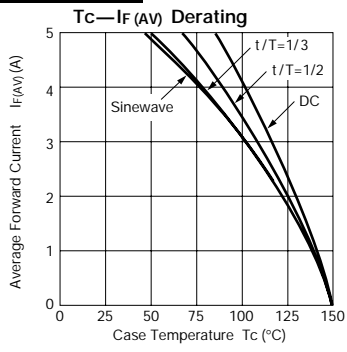


2



# Characteristic Curves Damper Diodes

## FMP-2FUR



## FMQ-2FUR

