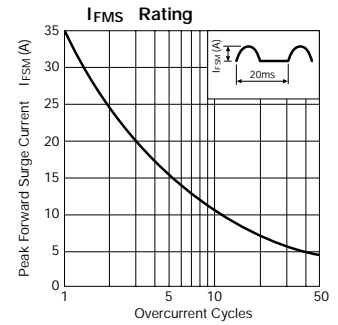
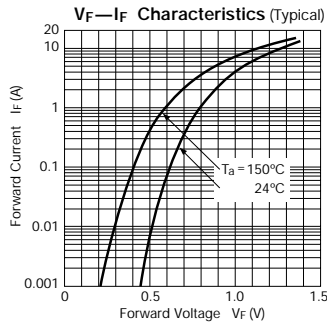
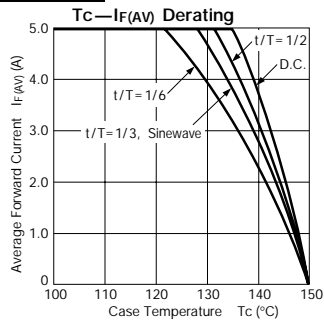


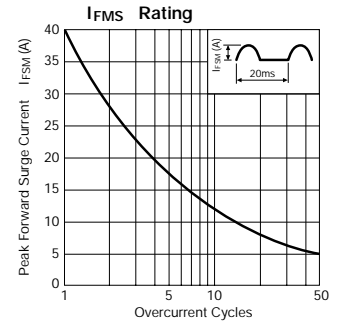
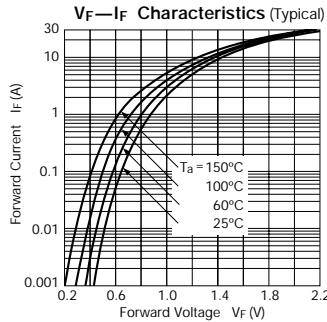
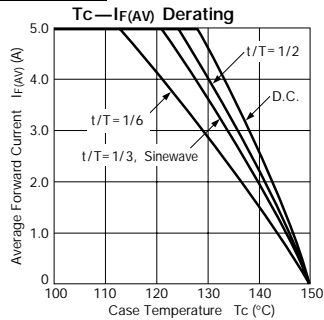
# Ultra-Fast-Recovery Rectifier Diodes

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others	
	V <sub>RM</sub> (V)	I <sub>F(AV)</sub> (A) With Heatsink	I <sub>FSM</sub> (A) 50Hz Half-cycle Sinewave Single Shot	T <sub>J</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V)	I <sub>R</sub> (μA)	I <sub>R(H)</sub> (μA)	t <sub>rr</sub> (1) (ns)	t <sub>rr</sub> (2) (ns)	R <sub>th</sub> (J-c)	Mass (g)	Fig.
						max per element I <sub>F</sub> (A)	V <sub>R</sub> = V <sub>RM</sub> max per element	V <sub>R</sub> = V <sub>RM</sub> , Ta=100°C max per element	I <sub>F</sub> /I <sub>RP</sub> (mA)	I <sub>F</sub> /I <sub>RP</sub> (mA)	(°C/W)		
FML-12S	200	5.0	35	-40 to +150		0.98	150	500	40	100/100	4.0	2.1	Ⓐ
FML-13S	300		2.5			250							
FML-14S	400		1.30			100	50	35					

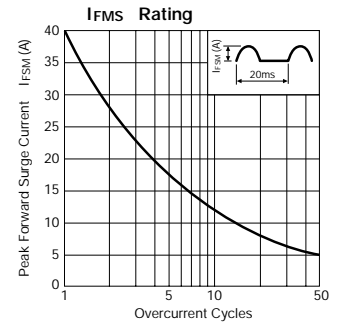
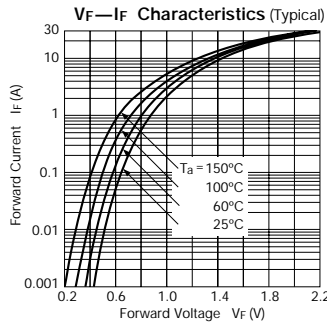
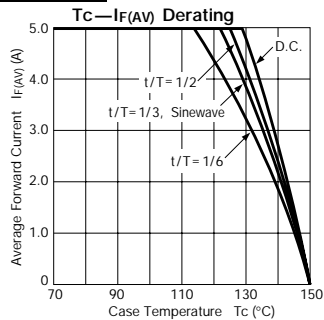
## FML-12S



## FML-13S



## FML-14S



## External Dimensions

(Unit: mm) (Full-mold)

Flammability:  
UL94V-0 or Equivalent

Fig. Ⓐ

