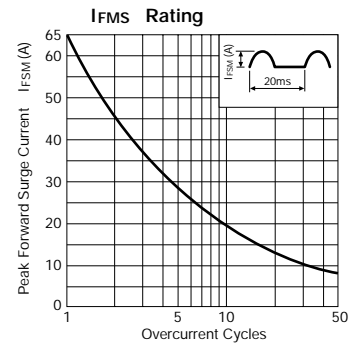
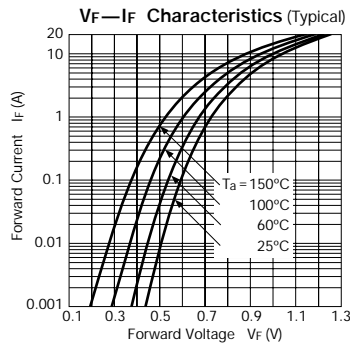
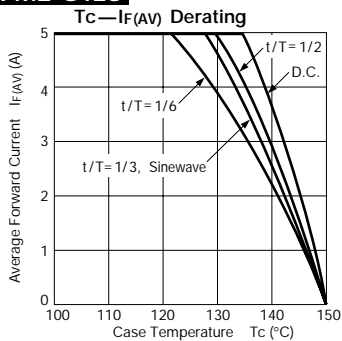


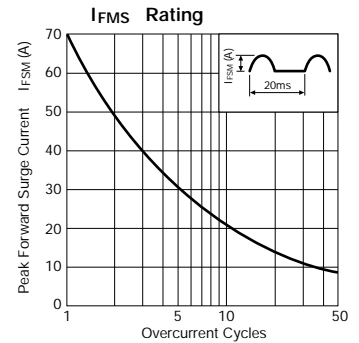
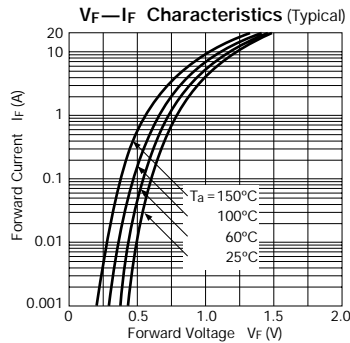
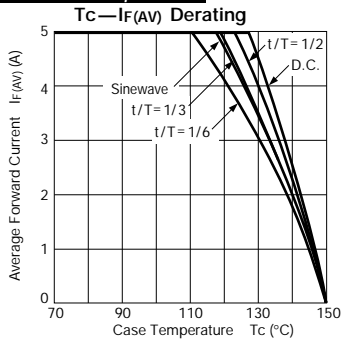
# Ultra-Fast-Recovery Rectifier Diodes

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> (mA)	I <sub>R(H)</sub> (mA)	t <sub>rr</sub> ① (ns)	t <sub>rr</sub> ② (ns)	R <sub>th(j-c)</sub> (°C/W)	Mass (g)	Fig.	
						max	I <sub>F</sub> (A)	V <sub>R</sub> = V <sub>RM</sub> max	V <sub>R</sub> = V <sub>RM</sub> Ta = 100°C max	I <sub>F</sub> /I <sub>RP</sub> (mA)	I <sub>F</sub> /I <sub>RP</sub> (mA)			
FML-G12S	200	5.0	65	-40 to +150		0.98	0.25	1.0	40	30	4.0	2.1	Ⓐ	
FML-G13S	300		1.30			5.0	0.2	100/100	100/200					
FML-G14S	400		1.50				0.5	500/500	500/1000					
FML-G16S	600													

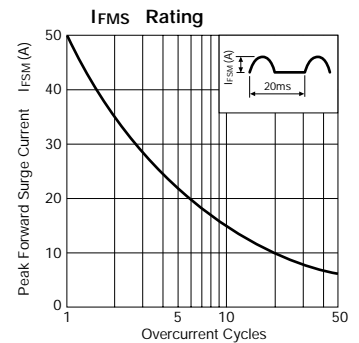
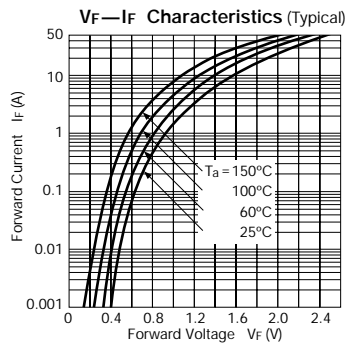
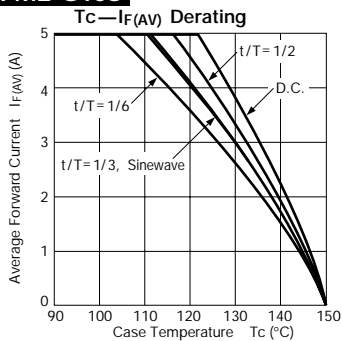
## FML-G12S



## FML-G13S, G14S



## FML-G16S



## External Dimensions

(Unit: mm) (Full-mold)

Flammability:  
UL94V-0 or Equivalent

