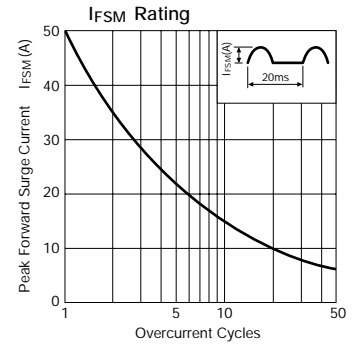
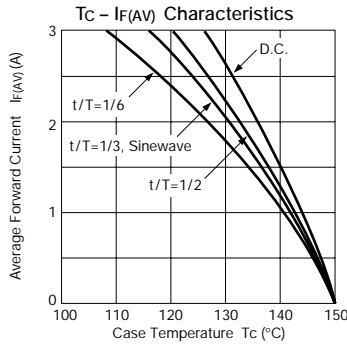
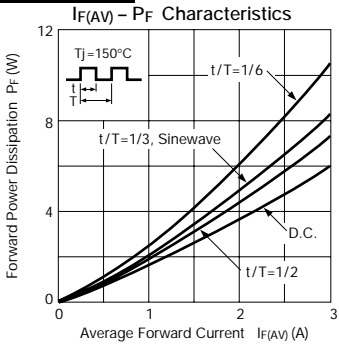


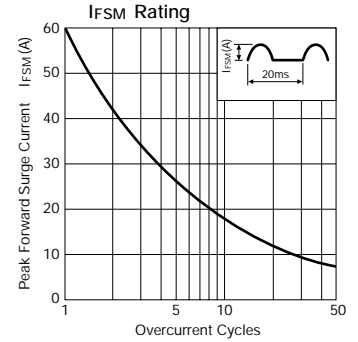
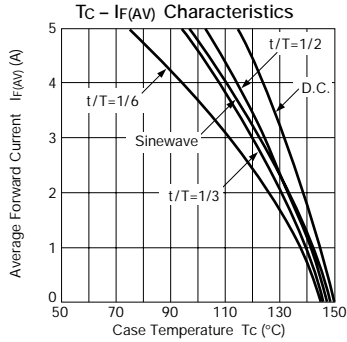
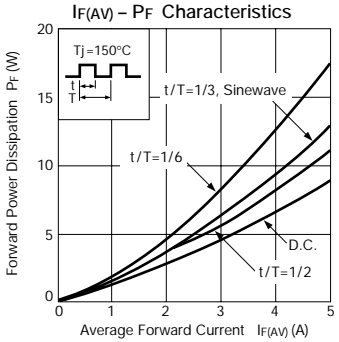
# Ultra-Fast-Recovery Rectifier Diodes

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) max per chip	I <sub>R</sub> (μA) I <sub>F</sub> (A)	I <sub>R</sub> (μA) V <sub>R</sub> =V <sub>RM</sub> max	I <sub>R</sub> (mA) V <sub>R</sub> =V <sub>RM</sub> T <sub>J</sub> =150°C max	t <sub>rr</sub> ① (ns)	I <sub>F</sub> /I <sub>RP</sub> (mA)	t <sub>rr</sub> ② (ns)	I <sub>F</sub> /I <sub>RP</sub> (mA)	R <sub>th(j-ℓ)</sub> (°C/W)	Mass (g)
FMC-G28S	800	3.0	50	-40 to +150	3.0	3.0	100	1.0	70	500/500	35	500/1000	4.0	2.1	Ⓐ
FMC-G28SL		5.0	60			5.0	200	2.0							

## FMC-G28S



## FMC-G28SL



## External Dimensions

(Unit: mm) (Full-mold)

Flammability:  
UL94V-0 or Equivalent

Fig. Ⓐ

