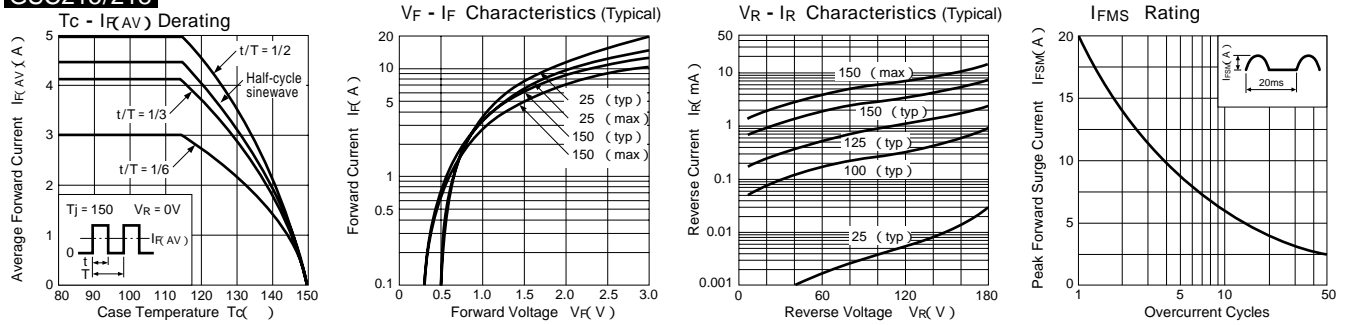


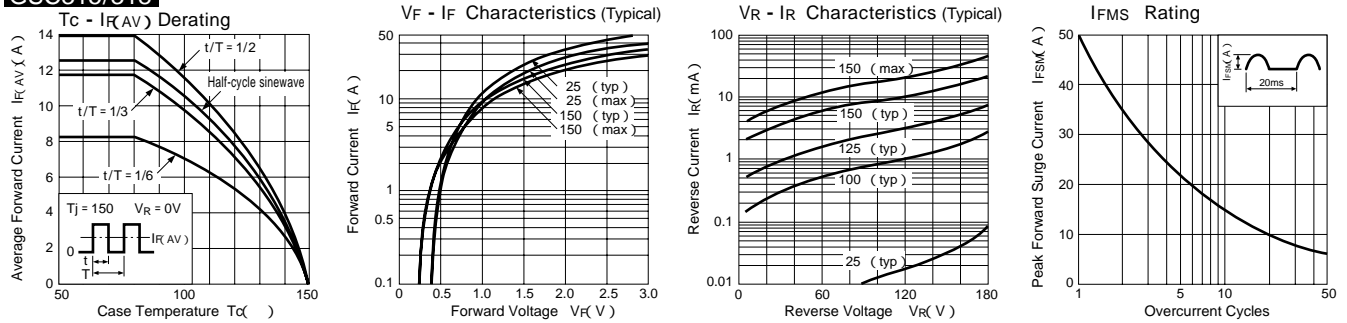
# GaAs Schottky Barrier Diodes

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta = 25 °C)						Others		
	V <sub>RM</sub> (V)	I <sub>R(AV)</sub> (A)	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 element	I <sub>R</sub> (mA) V <sub>R</sub> = V <sub>RM</sub> max per element	I <sub>R(H)</sub> (mA) V <sub>R</sub> = V <sub>RM</sub> , Ta = 100 max per element	t <sub>rr</sub> (ns) dI <sub>F</sub> /dt = 100A/μs	I <sub>F</sub> /I <sub>RP</sub> (mA)	R <sub>th(j-ℓ)</sub> (°C/W)	Mass (g)	Fig.	
GSC215	150	5.0	20	- 40 to + 150		0.9	2.5	1.0	10	7	2	5.0	2.6	Ⓐ
GSC218	180													
GSC315	150	14.0	50			0.9	7.0	3.0	30	10	6	3.5	6.1	Ⓑ
GSC318	180													
GSF18R	180	7.0	35			0.9	7.0	3.0	45	10	6	7.0	2.1	Ⓒ

## GSC215/218



## GSC315/318



## GSF18R



### External Dimensions (Unit: mm)

Flammability:  
UL94V-0 or Equivalent

