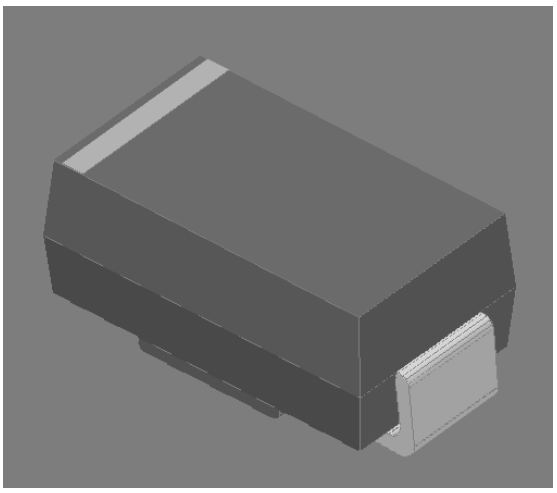
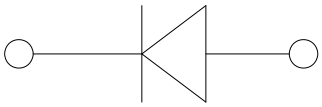




- Low profile package
- Ideal for automated placement
- Glass passivated A , r

J-STD-002 and JESD22-B102

- Cathode line denotes the cathode end

■ (Ta=25 Unless otherwise specified

	I_{FSM}	A	25
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			50
Current squared time @1ms≤t≤8.3ms Tj=25	I^2t	A^2s	2.6
Storage temperature	T_{stg}		-55 ~ +150
Junction temperature	T_j		-55 ~ +150

■ Ta=25 Unless otherwise specified

Maximum instantaneous forward voltage	VF	V	I_{FM}=1.0A	1.1
Maximum DC reverse current at rated DC blocking voltage	I_R	μA	T_j=25	5.0
			T_j=125	100
Typical junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	5.5

■ T_a=25 Unless otherwise specified

Typical Thermal Resistance	$R_{\theta J-A}$(1)	/W	75
	$R_{\theta J-L}$(1)	/W	25
	$R_{\theta J-C}$(1)	/W	15

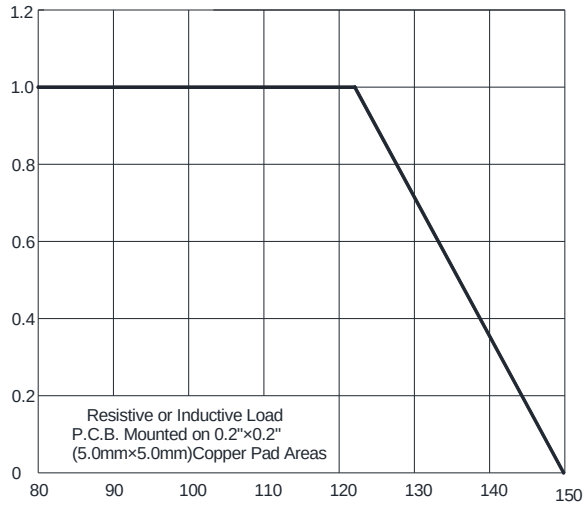
Note

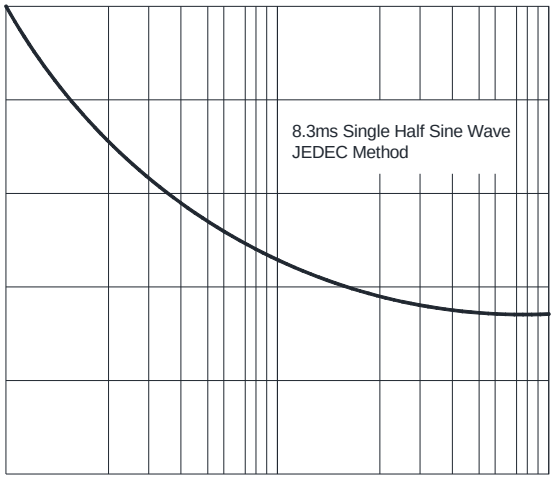
(1) Thermal resistance from junction to ambient and from junction to lead mounted on P.C.B. with 0.2" x 0.2" (5.0 mm x 5.0 mm) copper pad areas

(Example)

GS1Y	F1	Approximate 0.059	5000	/	80000	13” reel
GS1Y	F2	Approximate 0.059	7500	/	120000	13” reel
GS1Y	F3	Approximate 0.059	7500	/	60000	13” reel
GS1Y	F4	Approximate 0.059	1800	14400	57600	7” reel
GS1Y	F5	Approximate 0.059	2000	16000	64000	7” reel
GS1Y	F6	Approximate 0.059	5000	/	100000	13” reel

■ (Typical)





The information presented in this document is for reference onl