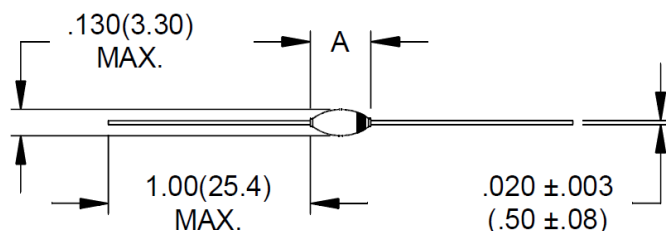


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current tp=8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impedance θ_{J-L}			Junction Cap. @50VDC @ 1kHz (C _j)
		55°C(1)	100°C(2)	25°C	100°C	25°C	25°C	25°C	25°C	25°C	L=000	L=125	L=250	25°C
	Volts	mA	mA	μA	μA	Volts	mA	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
25UFG	2500	100	50	0.1	10	7.0	25	8.0	1.3	100	18	30	50.0	2.0
50UFG	5000	50	25	0.1	10	9.0	25	4.0	0.8	100	18	30	50.0	1.0
100UFG	10000	25	12	0.1	10	14.0	25	2.0	0.4	100	18	30	50.0	0.5
160UFG	16000	10	5	0.1	10	35.0	10	1.0	0.2	100	33	45	65.0	0.5

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)I_f=12.5mA, I_r=25mA, I_{rr}=6.3mA • Op.Temp.= -65°C to +175°C Stg.Temp.= -65°C to +200°C



Part	A
25UFG 50UFG 100UFG	.300(7.62) MAX.
160UFG	.350(8.89) MAX.

