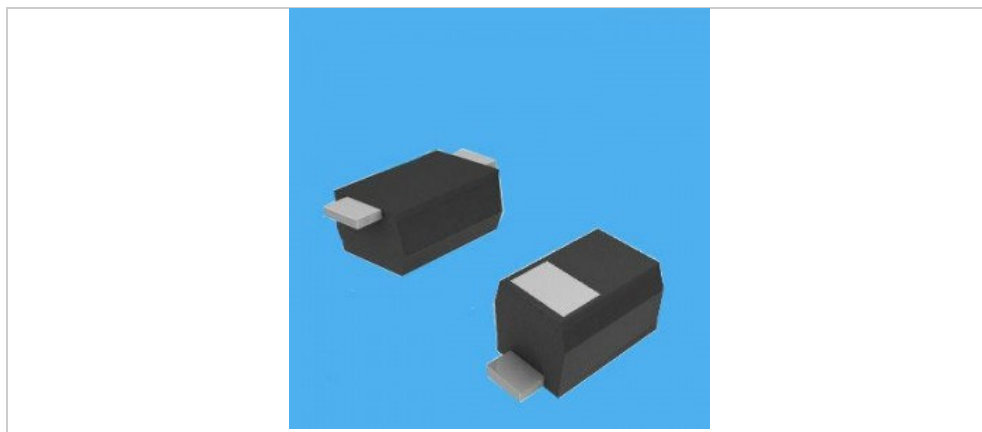




**US1A US1B US1D US1G US1J US1K US1M in SOD-123FL(U1A-U1M)**



**Specifications**

US1A US1B US1D US1G US1J US1K US1M in SOD-123FL(U1A-U1M)

**Electrical Characteristics** T<sub>A</sub> = 25 °C unless otherwise noted

Parameter	Device							Units	
	1A	1B	1D	1G	1J	1K	1M		
Peak Repetitive Reverse Voltage	50	100	200	400	600	800	1000	V	
Maximum RMS Voltage	35	70	140	280	420	560	700	V	
DC Reverse Voltage (Rated V <sub>R</sub> )	50	100	200	400	600	800	1000	V	
Maximum Reverse Current									
@ rated V <sub>R</sub> T <sub>A</sub> = 25°C								5.0	μA
T <sub>A</sub> = 125°C								50	μA
Maximum Forward Voltage @ 1.0 A								1.3	V
Maximum Reverse Recovery Time									
I <sub>F</sub> = 0.5 A, I <sub>R</sub> = 1.0 A, I <sub>tr</sub> = 0.25 A	50				75	75		nS	
Typical Junction Capacitance								10	pF
V <sub>R</sub> = 4.0 V, f = 1.0 MHz									